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INDEXED.

DREER'S GARDEN BOOK 1917

SEVENTY-NINTH ANNUAL EDITION



TRADE MARK

HENRY A. DREER
714-716 CHESTNUT ST.
PHILADELPHIA PA.

General Directions to Customers

PHILADELPHIA, JANUARY, 1917

The attention of our customers is respectfully called to the following directions, which will, if followed, be an aid to purchasers as well as ourselves

ORDER EARLY.—We aim to execute all orders as soon as received, but during the rush season in April and May delays are unavoidable, which, however, can be partly overcome by our patrons anticipating their wants and ordering and taking delivery of their requirements early.

FORWARDING.—We deliver, postpaid to any Post Office in the United States, Vegetable and Flower Seeds in packets, ounces, and pounds, except where otherwise noted in the Catalogue. Agricultural Seeds, Implements, and other heavy and bulky goods are sent by Express or Freight at purchaser's expense.

Plant orders should be separated from Seed orders; the departments are separate, but shipments of seeds, plants, etc. are made in one parcel where it is practical to do so, or where such combination will save our customers additional charges. Further instructions regarding the forwarding of plants will be found on the first page of the Plant Department in this catalogue.

All Plants, Roots and Bulbs are forwarded by Express, purchaser paying charges, which are now very reasonable.

For those of our customers who live at a distance from an Express Office, making it more convenient for them to receive their goods by Parcel Post, we will be pleased to forward in this manner such plants as can be sent in this way at the following additional cost to cover postage, which must be added to the value of each order for Plants, Roots or Bulbs:

To all points east of the Mississippi River, 10 per cent extra.

To all points west of the Mississippi River, 20 per cent extra.

Heavy Plants, such as Azaleas, Boxwoods, Bay Trees, Camelias, Shrubs, Tree Roses, as well as the larger sizes of Palms and other ornamental foliage and flowering plants, cannot be sent by mail.

We strongly recommend our customers to have all their orders forwarded by Express, as our experience shows that this method is not only quicker and safer but also cheaper than Parcel Post, except on small packages.

CANADIAN SHIPMENTS.—Vegetable and Flower Seeds in packets and ounces are sent postpaid. All other goods are sent by Express or Freight, purchaser paying all charges. We can also send to Canada by Parcel Post packages weighing under 4 pounds 6 ounces. Customers wishing their orders sent in this way must remit 12 cents per pound for seeds, and 20 per cent of the value of orders for Plants, Bulbs and Roots to cover postage. Roses, Shrubs, Hardy Vines and Small Fruits cannot be sent by mail to Canada. These can only be sent by Express to permit of their being fumigated by the Canadian authorities.

LOCAL DELIVERY.—We deliver goods free in Philadelphia. We also deliver free of charge by Package System (Baggage Master) to all points where this system is in operation such goods as will be received by them, and not weighing in excess of 50 pounds when packed.

PACKING.—No charge is made for boxes or packing, nor for delivery to Freight Depots or Express Offices in Philadelphia.

SAFE ARRIVAL OF PACKAGES.—We guarantee the safe arrival of all goods sent by Express or Mail to points within the United States. If a package sent by Express or Mail is injured or lost we will replace it as soon as informed of the fact. Goods sent in any other way are solely at purchaser's risk. Frequently it happens that orders never reach us or are without signature. When customers fail to receive their packages in a reasonable time they should inform us and at the same time send a copy of their order and any other information necessary to trace the goods. Claims for damage must be made on receipt of goods. We do not hold ourselves responsible for failures after delivery of the goods in good condition.

ERRORS.—We exercise the utmost care in filling orders, striving to do a little more than we offer; yet in the press of business errors sometimes occur, in which event we wish to be promptly notified of the fact and will make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.

REMITTANCES should be made by Post Office Money Order, Drafts on Philadelphia or New York Banks or Express Money Orders. We disclaim all responsibility when remittances are not made as above directed. Where it is not possible to obtain these, the letter should be registered. Postage stamps will be found a convenient method of remitting for small amounts and can be used by us to advantage. Coin should not be sent by mail.

CASH WITH ORDER.—Please send money with the order sufficient to cover the whole bill. We decline sending goods "Collect on Delivery," unless remittance be made on account to guarantee acceptance.

NAME AND ADDRESS.—Please remember to write on each order your Name, Post Office, County and State; also give number of Street or P. O. Box as distinctly as possible; also the nearest Express Office; or, if on a Stage Route, send us special directions, giving us the name of the Express Company delivering goods.

CATALOGUES.—We send our customers three catalogues annually, viz.: Garden Book in January, Midsummer Catalogue in July and Autumn Catalogue in September. Customers having more than one address will oblige by stating to which address they wish the Catalogues mailed.

NON-WARRANTY.—Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop, and every order for articles named in this catalogue will be executed on these conditions only. It must, however, be plain to everyone who gives the matter the slightest thought, that it is to our best interests to send out only such stock as will not only grow but prove true to name and description.

CORRESPONDENCE.—We try to give prompt attention to all proper letters of inquiry, etc. We ask, as a favor, that all questions be stated clearly and briefly, and not on order sheets; also that as few inquiries as possible be sent in during April and May, at which time we are overtaxed with the business which is necessarily crowded into these two months.

Dreer's Garden Book

for 1917

SEVENTY-NINTH ANNUAL EDITION

FROM a small beginning seventy-nine years ago, this business has developed into one of the **largest and most complete Seed, Plant and Bulb Establishments in the World.** This has been accomplished by supplying the best grade of goods obtainable and by a strict adherence to the broad principle of giving all purchasers the full worth of their money.

In no line of business is the experience which comes with the passing years of more value than in ours. But we do not base our claims for the support of the buying public merely because we have been established for over three-quarters of a century, but rather on the fact that we are at all times alive to the wants of customers, and that we have kept abreast of the times and in close touch with the Horticultural centres of the world. This is evidenced by the many valuable Novelties in Seeds, Plants and Bulbs which have been introduced or first offered in the United States by us.

At the present time we occupy three complete buildings in Philadelphia. The general offices and store located at 714 and 716 Chestnut Street, and an eight-story warehouse at 710 South Washington Square, which affords ample storage facilities and room for the careful and prompt filling of orders for Vegetable, Farm and Flower Seeds, Sundries, etc.

Our Plant and Seed Growing departments are located at Riverton, New Jersey, on the Delaware River, nine miles from Philadelphia. It comprises three Nurseries—Riverton, Riverview and Locust—with a total area of about 300 acres, all under high cultivation, and with over one hundred of the most modern greenhouses and numerous frames, the space covered by glass being over a half million square feet, or more than ten acres.

This short sketch is given to show that we are not merely dealers in Seeds, Plants and Bulbs, but that **we are the actual producers of a large part of the stock we offer, and as such are in a position to give better values than those who only sell what they buy from other growers.**

As is well known, some varieties of both Vegetable and Flower seeds have to be imported from Europe, which, owing to the present unfortunate war, renders it extremely difficult for those left on the seed-growing farms to properly harvest and prepare the seeds for shipment. The embargo placed upon exports from some of the countries and the meager and uncertain transportation facilities add to the difficulties. Nevertheless, we hope to receive our supplies in due course, although some items may be late in arriving.

We call the special attention of our customers to the notes regarding the ordering and forwarding of Plants on page 119.

We take this opportunity of thanking our many customers for their generous patronage in the past, and to assure them that we will continue to do all in our power to merit a continuance of their confidence, **and that we aim to give every order, no matter how small or how large, prompt and careful attention.**

The offerings of the various departments will be found in this book on the following pages: For complete Index see pages 2 and 3.

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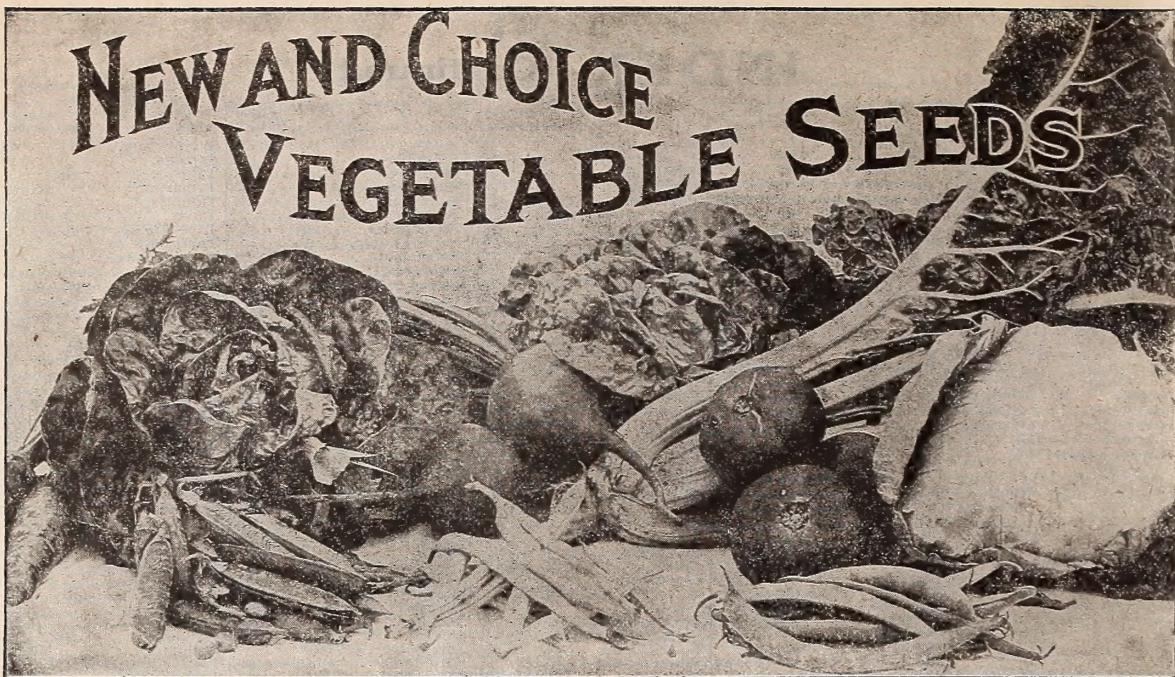
The common, popular or vulgar names included in this index have been compiled from the best American and English sources, but as there is a certain amount of confusion in regard to some of them, two different plants often bearing the same common name, it is well in ordering to use the names as given in the catalogue.

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NEW AND CHOICE VEGETABLE SEEDS



DARK-LEAVED GLOBE BEET.

A splendid type of the blood-turnip variety, the originator having in mind a Beet combining good quality with beautiful globe shape. The dark foliage of this variety is a striking feature, while the corresponding rich, dark color of flesh and beautiful globe shape combine to make it an exceedingly attractive variety. The quality is excellent, being sweet and tender. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

EARLY MODEL BEET.

A fine selection of blood-red Beet, extremely smooth, fine rich color and desirable shape, and makes a rapid growth, maturing very early. It is globe-shape, the color of flesh a rich blood-red and of most excellent quality, being sweet, tender and free from coarseness. The tops are quite small, making it a fine variety for forcing in hotbed, and it retains all the good qualities either when grown under glass or outside. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

(4)

GIANT LUCULLUS

SWISS CHARD.

The Swiss Chard, or Spinach Beet, is prepared for the table in the same manner as Spinach; sometimes, however, the midrib is prepared like Asparagus, with drawn butter. Seed planted early in the spring will quickly produce plants from which cuttings may be made all summer, as you can cut right down to the ground, and new shoots will soon spring up and make a fast growth, while those plants which are allowed to grow on without any cutting will make large curly leaves, with thick, light-colored midribs, which are delicious when cooked and served like asparagus. "Giant Lucullus" is the largest and best variety of Swiss Chard, and you should not fail to plant at least one long row in your garden this spring. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.



KENTUCKY WONDER WAX POLE BEAN.

A yellow-podded "Kentucky Wonder," which bears a large quantity of rich, golden-yellow pods from the time the plant is about half grown until it is killed by frost in the fall. The plant makes a quick, healthy growth, and, like the "Kentucky Wonder," it is exceedingly productive, bearing large pods, which are thick, meaty, stringless, very tender, and have a fine flavor when cooked. This variety is bound to gain in favor, both for the home garden and for market. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 45 cts. (If pt. or qt. is wanted by Parcel Post add postage as per page 14); 4 qts., \$1.50; peck, \$2.50.

CHINESE, OR CELERY CABBAGE.

This vegetable is called Pe-Tsai, or Cut Cabbage, by the Chinese gardeners, and is beginning to attract attention in America. It does not form a cabbage-head, but when grown to its full size resembles the Cos Lettuce, and the outer leaves may be used during its growth. The flavor is mild, and it is used either as a salad or cooked. The plants require plenty of room, and should be set in rows 3 feet apart and 2 feet apart in the row. Seed should be sown after July 1st, as early plantings run to seed. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

SMALL EXTRA EARLY JERSEY WAKEFIELD CABBAGE.

This variety of Jersey Wakefield Cabbage matures earlier than the ordinary strain, and produces a firm, solid head; smaller, but of same conical shape as the original type. It is very hardy, and while the heads are small, the quality is fully equal to the well-known "Jersey Wakefield." We consider this the best variety of extra early Cabbage for the home garden. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.



DANISH ROUNDHEAD CABBAGE.

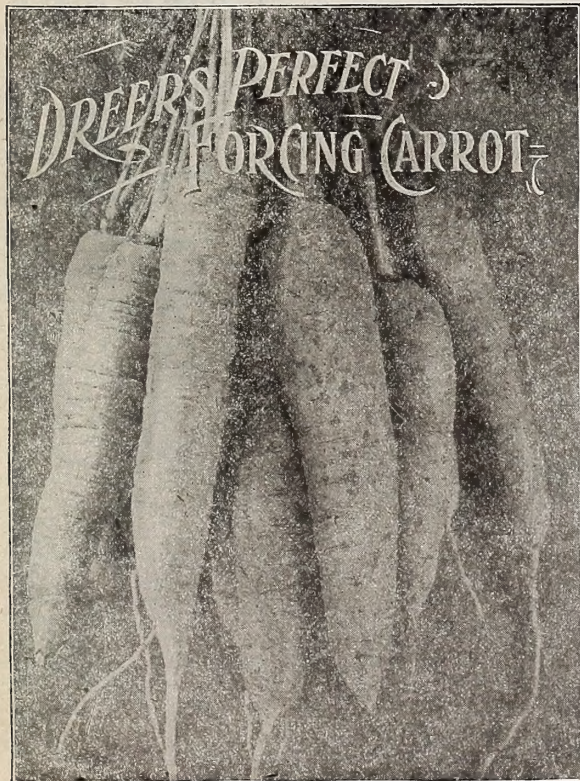
While similar to the Danish Ballhead in size, shape and good keeping qualities, this variety matures earlier and has a shorter stem. The heads are round and hard, and having very few outer leaves will withstand hot weather and disease. The interior leaves are pure white and of sweet flavor. We furnish true seed which was grown for us in Denmark. Pkt. 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

DREER'S PERFECT FORCING CARROT.

Introduced by us a few years ago, this variety of carrot has become quite popular, and each year shows an increasing demand for the seed. It is a fine, half-long variety, beautiful bright scarlet, transparent, crisp and almost without a core. Remarkably small top, and can be planted very close in frame. It also does well grown in the open ground. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

WITLOOF CHICORY, or FRENCH ENDIVE.

During the winter this is sold by dealers in fancy fruits and vegetables as "*French Endive*," and large importations are usually made in order to supply the demand in this country, but equally as good stalks may be grown here. In order to grow good "Witloof" the seed should be sown during May or June in the open ground, in drills 10 or 12 inches apart, in deep, rich soil. Allow the plants to grow until November, keeping free from weeds, and watering if necessary. Then take up the roots and trim off the leaves to about 1½ inches from the neck, break off any shoots which may appear on sides of root, and shorten lower end so that all will be of a uniform length of 8 to 10 inches. Then plant in a trench 16 to 18 inches deep, placing the roots upright, about 1½ inches apart. This will leave the necks of the roots about 8 inches below the level of the ground. Fill up the trench with good, light, well-drained soil, and, if speedy growth of any portion of the crop is desired, it may be accomplished by covering with a layer of manure at least 16 inches deep. In about 4 or 5 weeks the leaves will attain their proper size, and the manure may be taken off and roots dug up. The blanched head is the edible portion, and should be cut off, leaving a portion of the neck attached to it. Witloof is eaten raw or as a salad, and is also sometimes cooked like ordinary Endive. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$1.75.





EASY-BLANCHING CELERY.

A new variety of Celery with remarkable easy-blanching characteristics, so much so that even those who have never been successful in growing good Celery may plant it with the assurance that the crop will equal in quality and appearance any Celery grown by the professional growers, and it will be found useful both for early use and for keeping during the winter months, characteristics which are extremely valuable in a Celery to be grown in the home garden.

The plants make a quick, healthy growth and the stalks are thick, very tender and brittle, with a rich flavor which will quickly appeal to all who eat it, and the ease with which it may be blanched, together with its long season for use, will strongly recommend it both to the amateur gardener as well as the commercial Celery grower. Pkt., 20 cts.; $\frac{1}{2}$ oz., \$1.25; oz., \$2.00; $\frac{1}{4}$ lb., \$6.00.

WINTER KING CELERY.

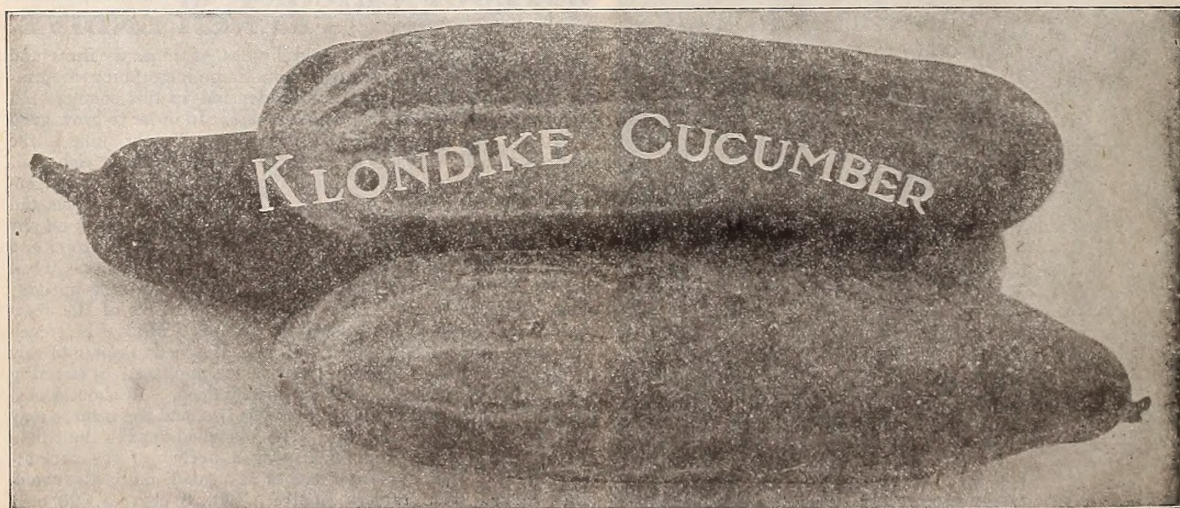
An attractive feature of this variety is that while the outer stalks are green, it naturally produces many golden hearts, which are decidedly crisp, very tender and of excellent flavor. In addition to these desirable qualities, it is one of the best of the winter-keeping Celeries, and may be allowed to remain in the trench for a long time, and will come out in first-class condition, solid and free from rot. The plants make a strong growth and are very easy to blanch, which is a decided advantage to the amateur gardener, and also a valuable feature for the market grower. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb.; \$1.50.

GOLDEN DAWN SUGAR CORN.

A few years back there was much prejudice against yellow-grained Sugar Corn, but owing to the delicious quality of the newer varieties of recent introduction, they are rapidly gaining in popularity. This is an extra early yellow-grained variety, but when one gets the sweet, delicious taste, the color of grain is forgotten. Stalks about 5 feet high and bear 2 and 3 ears, free from smut and filled out to the extreme tip. Pkt., 10 cts. by mail. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (If pints or quarts are wanted by Parcel Post add postage as per page 24); 4 qts., \$1.50; peck, \$2.50.

KLONDIKE CUCUMBER.

This valuable variety is one of the best for slicing. The color is dark green, and the fruits grow to a uniform size, measuring about seven inches in length and two inches thick when in good condition for use. It is medium, early in maturing, extremely productive, and will hold its rich, dark green color for a long time. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.



**FINOCCHIO, or
FLORENCE FENNEL.**

A delicious vegetable which should be more largely grown. It is extensively used in Italy as a salad, and also may be served boiled. When the enlargement of leaf stalk, at base of stem, is about the size of a hen's egg it should be earthed up so as to cover half of it, and in about ten days cutting may be commenced and continued as the plants increase in growth. The flavor is somewhat like celery, but it has a sweet taste and delicate odor. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

**FRENCH
UNRIVALED LETTUCE.**

A sure-heading variety, suitable for growing at any season. Forms large, compact, buttery heads, and is slow to shoot to seed. The general character is similar to "Big Boston," except that the color is a lighter green and leaves are not tinged with brown. The seed we supply was secured from the originator in France. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

MAY KING LETTUCE.

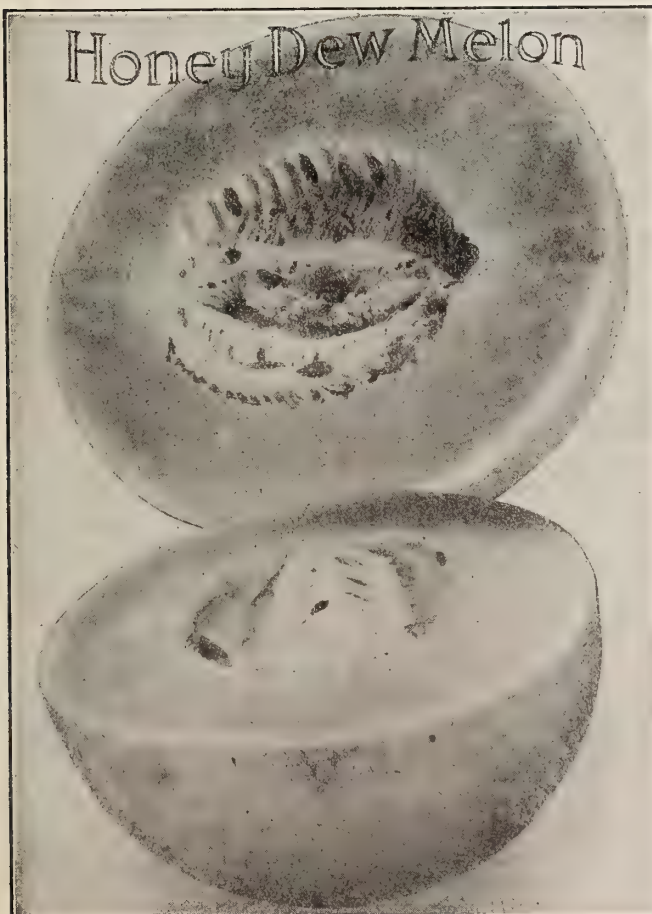
Very early, and being hardy, will stand considerable cold, damp weather. Can be planted out of doors or under glass, and will produce fine, solid heads sooner than any other variety. The outer leaves are yellowish-green, tinged with brown, while inside it is rich golden-yellow. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

**HONEY DEW MELON.**

This new melon has caused a sensation among dealers in fancy fruits and vegetables, and the demand for it during the past season has been exceedingly heavy, melons selling readily at a price of fifty to seventy-five cents each. It is unlike the ordinary muskmelon or cantaloupe both in appearance and flavor, the outer skin being smooth and hard, nearly white, turning to a lemon tint when fully ripe. The melons are large, weighing from eight to ten pounds each, round to oval in shape, extremely thick meated and have a very small seed cavity; flesh is light green, very solid and of a rich honey-like flavor, luscious and juicy, much more so than any variety of muskmelon. The vines grow coarse and heavy, withstanding weather conditions better than the ordinary muskmelon and are very productive. It is also an excellent keeping melon, and fruits may be laid away for use late in the fall when they will be greatly appreciated not only for their delightful flavor, but because the other varieties of melons are gone. On account of the hard shell of this melon it is an excellent shipper, carrying safely for long distances without becoming bruised or damaged in any manner, and when better known by the public it will be very difficult for dealers to obtain a supply large enough to satisfy their trade. It is suitable for growing in all places of equal latitude to Philadelphia and the west, including California, but we do not recommend it for planting in the New England States, or locations where the growing season is short. Pkt., 15 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

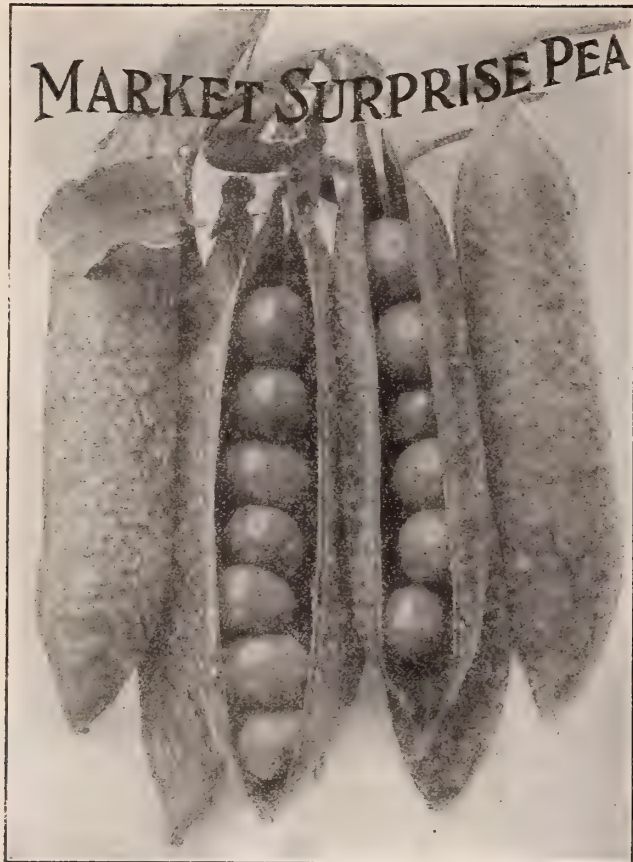
BUSH MUSKMELON.

A very striking feature of this variety of Muskmelon is that the plant grows in bush form, thus making it desirable for growing in the small garden where space for the vining sorts cannot be spared. The plant makes a vigorous growth and is very productive, bearing a large number of melons, which are of about the same size and shape as the well-known Jenny Lind, with green flesh and a delicious flavor. A small area will supply an abundance of melons, as it can be planted in hills 3 feet apart, and will produce nearly double the crop of vine sorts planted on same area. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.





MARKET SURPRISE PEA



MARKET SURPRISE PEA.

This new early Pea was first sent to us by a leading seed grower in England, and in a careful test, made at our trial grounds, we found it to be a valuable addition to the early varieties and well adapted for use of both amateurs and market gardeners. The plant grows to a height of 30 inches, and is very thrifty, producing the pods in surprisingly large quantities. Pods are large and well filled with Peas, which are remarkably sweet and fine flavored. This new variety matures the crop in sixty-five days, and is excellent for early planting. Pkt., 10 cts., by mail. By express or freight at purchaser's expense. Pt., 25 cts.; qt., 40 cts. (If pints or quarts are wanted by Parcel Post add postage as per rate given on page 34.) 4 qts., \$1.50; peck, \$2.50.

BUTTERCUP PEA.

Concerning this new variety our grower writes us that after testing many new Peas brought out in Europe, the most interesting variety is "Buttercup," which exceeded all others, both in productiveness and high quality. Our own test verifies his statement, and we are now pleased to offer it to our customers, knowing that it will satisfactorily fill the gap between the early wrinkled sorts and the late varieties. The vines make a rapid growth to about 2 feet in height, and are of a medium green color, very healthy, and produce an astonishingly large crop of pods, matured and ready for use in about sixty-five days from time of planting. The pods are long, rounded or curved at the end, and well filled with large peas, which are very sweet and tender. This new variety is a great cropper, and produces more pods to the vine than most sorts, a very important feature, which, combined with its excellent flavor, will surely make "Buttercup" a very popular variety. Pkt., 10 cts., by mail. By express or freight at purchaser's expense. Pt., 25 cts.; qt., 40 cts. (If pints or quarts are wanted by Parcel Post add postage as per rate given on page 34.) 4 qts., \$1.50; peck, \$2.50.

FOUR FINE VEGETABLES

See colored plate opposite.

DREER'S EXCELSIOR BEET.

The attractive form and rich dark color of this Beet commend it to all. In addition to beautiful appearance, Dreer's Excelsior Beet has many other good qualities. It is fully as early as any variety of turnip-shape Beet known, and always is of uniform shape and size. The flesh is blood-red, remarkably sweet and tender, retaining all these qualities until it has attained an advanced age. We recommend this variety for the private garden, as well as for market gardeners' use. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

EARLY FORTUNE CUCUMBER.

Cucumbers of the "White Spine" type are most desirable on account of their attractive appearance and good quality. This new variety was originally discovered in a field of "Davis Perfect," and is now so thoroughly established that large fields do not show any variation either in plant or fruit. The Cucumbers are slightly longer than "Arlington White Spine," more cylindrical in shape, with very dark green skin and thick flesh, which is tender and crisp. A remarkable feature of this variety is the strong growth of the vines, which enables it to successfully withstand blight and bring the fruits to their full size and perfection. "Early Fortune" Cucumber is one of the best that has been introduced in years, and will soon take the place of many old-time strains of White Spine Cucumber. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

DREER'S

ALL-HEART LETTUCE.

Introduced by us several years ago, this variety of head-lettuce has continually grown in the favor of both private and market gardeners and is the most reliable hard-heading lettuce ever introduced, far superior to all other varieties of cabbage-lettuce. It is adapted to both spring and summer use, as it withstands intense heat and forms magnificent large heads with leaves closely set, extremely solid heart, even before it is half grown. The color is a beautiful yellowish-green and the flavor is excellent, being rich and buttery. This is the very best Lettuce for the private garden. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.

PIMIENTO PEPPER.

This is the sweetest Pepper grown, as it does not contain the slightest trace of fieriness. The plants are extremely productive, and Peppers are medium in size and of a shape which is desirable for filling, and when prepared in this manner they are delicious. It may also be used in preparing salads and for flavoring, in which case it will add a fresh and delightful flavor. The flesh is quite thick and the Pepper may be scalded for peeling the skin off. When fully ripe the Peppers are of a brilliant red color and very attractive. Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.



DREER'S
All-Heart Lettuce

Early Fortune
Cucumber

Pimiento
pepper

DREER'S Excelsior
Beet

Dreer's Wonder
Bush Lima Bean

Cream
Golden
Sugar Corn

Triumph Self-folding
Cabbage
or Roman Cabbage

The Store Tomato

DREER'S "WONDER" BUSH LIMA BEAN.

(See illustration on opposite page.)

This variety of Bush Lima Bean is very desirable on account of earliness, productiveness and its fixed habit of growing in the dwarf or bush form. The plants are of strong, upright growth, and are completely covered with large pods, many of which contain four beans, which are fully as large as the pole limas. The beans are flat in shape and of excellent quality. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 45 cts. (If pint or quart is wanted by Parcel Post add postage as per page 15); 4 qts., \$1.50; peck \$2.50.

GOLDEN CREAM SUGAR CORN.

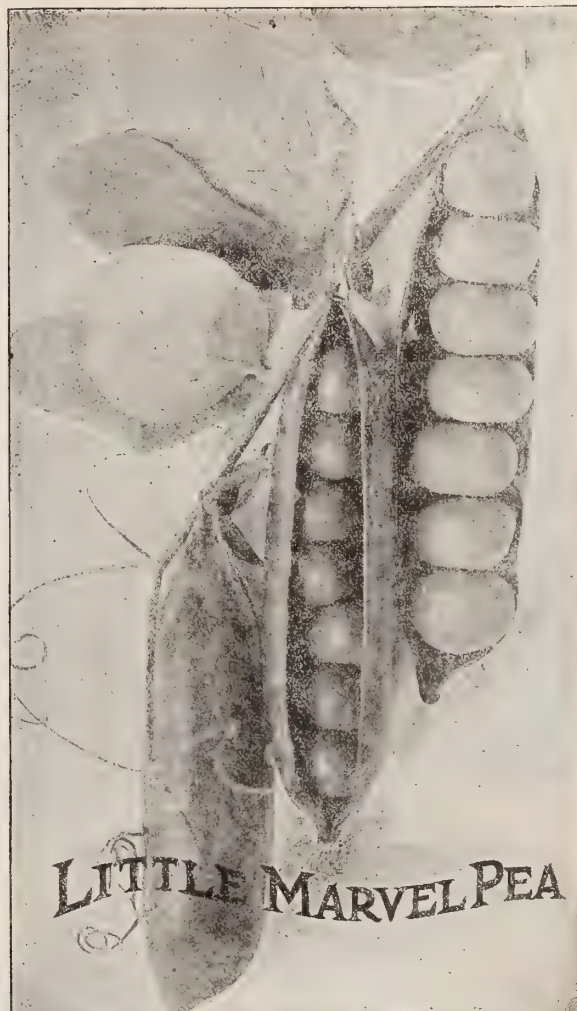
(See illustration on opposite page.)

A cross of Country Gentleman and Golden Bantam, taking on the character of the former variety, except in color. The ears are ready for use at a very early season; grains are long and pointed, rich cream color when ready, but turn to light golden-yellow when cooked, making an attractive appearance on the table. The quality is very fine, being remarkably sweet and tender. Stalks are brownish-red, and make a healthy, rapid growth, producing from 2 to 4 ears each. This new variety is distinct, and possesses genuine merit. The seed we furnish was grown in Connecticut, and is thoroughly acclimated. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (If pints or quarts are wanted by Parcel Post add postage as per rate given on page 24); 4 qts., \$1.50; peck, \$2.50.

TRIANON SELF-FOLDING COS LETTUCE, OR ROMAINE SALAD.

(See illustration on opposite page.)

This is the Lettuce that is served at the best hotels and restaurants under the name of "Romaine salad." It differs from ordinary Lettuce by the shape of the leaves, which are elongated, spoon-shaped and very crisp. It is grown in the same manner as Cabbage Lettuce, but does not make a solid head. Sow seed early in the spring in good soil and when plants have three leaves thin out to stand about four inches apart in the row, and when plants are of a sufficient size the leaves should be drawn together and tied, in order to blanch the inner ones. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.



THE STONE TOMATO.

(See illustration on opposite page.)

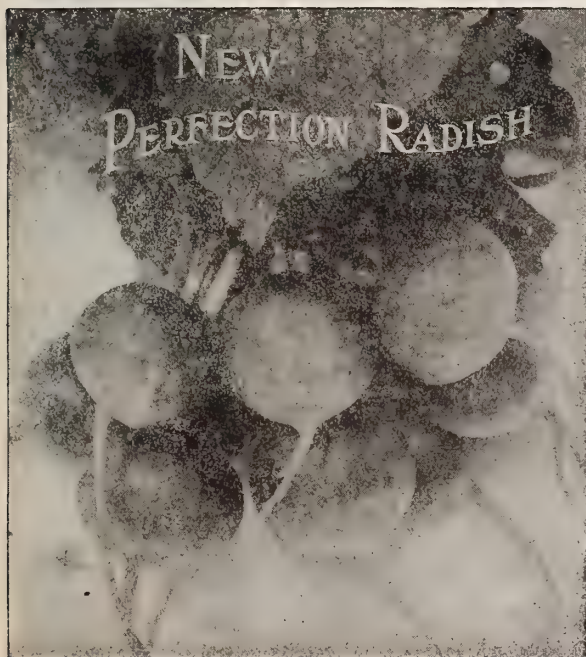
Tomatoes are large and deep; bright scarlet; smooth; ripening evenly to the stem, exceedingly solid and firm-fleshed, of the finest quality. The plants grow vigorously and are very productive, the Tomatoes are heavy and thick-meated, making it a valuable variety for family use and for canning purposes. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 80 cts.

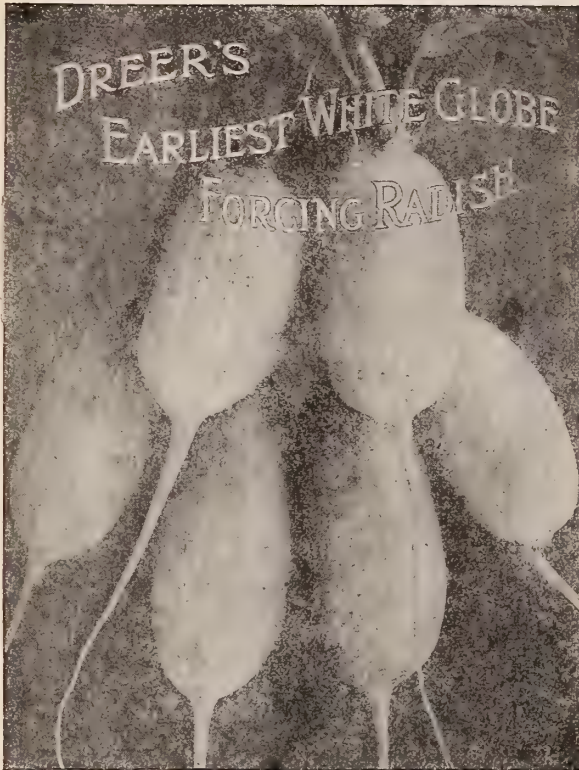
LITTLE MARVEL PEA.

For the early crop, this variety is better than American Wonder or Nott's Excelsior, as it matures earlier and the pods contain more peas. It is dwarf, about 15 inches high, plants are very productive, bearing many twin pods, which are dark green. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 50 cts. (If pints or quarts are wanted by Parcel Post add postage as per rate given on page 34); 4 qts., \$1.75; peck, \$3.00.

NEW PERFECTION RADISH.

This type of Radish, having red skin with a white tip, has long been a great favorite, and with this variety the white portion extends much farther up than is the case with ordinary Scarlet Turnip White Tip Radish. The upper portion is a rich, brilliant red, showing in great contrast to the lower portion, which is pure white, and adding greatly to its attractive appearance. The general contour is turnip-shape, and size medium, very uniform, with flesh crisp, tender and sparkling. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.





LONG CREAM VEGETABLE MARROW.

Fruits are oblong in shape, and should be eaten when less than half grown, at which time the flesh is very tender and may be cooked like ordinary squash or fried like egg plant. The shape is attractive, color creamy-white, and skin smooth. Pkt., 15 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

EARLY DETROIT TOMATO.

After growing this Tomato for several years, we are convinced that it is the best early variety for home use and also valuable for the market gardener. The vines make a strong and vigorous growth, and fruits set and ripen early, continuing to do so throughout the entire season. The size is medium to large, shape nearly round, perfectly smooth and skin purplish-pink. The fruits are very solid and seldom crack, and vines are remarkably free from attacks of blight, thus making it the most desirable early Tomato introduced in recent years and the best of the early purplish-pink sorts. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

DREER'S SUPERB SALAD TOMATO.

This variety is distinctly a salad Tomato, as it does not grow large or coarse. It is just the right size for serving whole with lettuce. The plants are of healthy, robust growth, and produce a great abundance of fruit, which is even in size, solid and contain but few seeds. The color is a rich scarlet and the flavor very good. The variety can also be grown under glass. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

DREER'S EARLIEST WHITE GLOBE RADISH.

The beautiful shape and quick growth of this Radish make it the most desirable of the white olive-shaped sorts. It may be sown in the garden, or used for forcing under glass, and in either case will produce Radishes of a size suitable for use in a remarkably short time. In fact we believe it to be the earliest white, olive-shaped Radish in existence, and are quite sure that it will please all who plant it. The skin is an attractive, transparent ivory-white and the flesh sparkling white, very crisp, tender and juicy. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

EARLIEST RED MAY RADISH.

An exceedingly attractive Radish which makes a remarkably quick growth and is ready for the table in about twenty days. The Radishes are of a desirable size and uniform in shape, with small tops and of excellent flavor. This is a splendid variety for growing the earliest Radishes in the kitchen garden and also suitable for forcing under glass. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

EARLIEST WHITE MAY RADISH.

This beautiful Radish will make a fine companion for the red variety described above, and produces the Radishes even earlier, 18 days being sufficient length of time to grow them to a size suitable for table use. It is mild and tender, and the beautiful white skin, together with uniform shape and small tops, make it all that could be desired. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

DELICIOUS SQUASH.

This fall and winter Squash is finer-grained and more delicious than the well-known Hubbard. The color of skin is green, with an occasional blue specimen; size about same as Hubbard, weighing from 5 to 10 pounds. The shell is not very thick, but is hard and strong; the flesh is thick and of a bright yellow color, fine-grained and of splendid quality. For table use, either as a fall or winter Squash, it cannot be excelled. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.



GENERAL LIST OF

Dreer's Reliable Vegetable Seeds

DREER'S SEEDS have been for seventy-nine Years a Standard Among the Best Gardeners of this Country for Undoubted Purity and Excellence.

The Cultural Directions given in this book for growing Vegetables are for the latitude of Philadelphia. Persons living in a more southern latitude should start earlier, while those living farther north should begin to plant later.

Hotbeds and Cold Frames should be more generally used, even by those having small gardens. The Hotbed is especially valuable in the spring for starting the plants of early vegetables and many flowers, thus having them ready to set out as soon as the ground is in condition. We have prepared a leaflet on "Making and Care of Hotbeds and Cold Frame," and will gladly mail a copy to any who write or request it on their order.

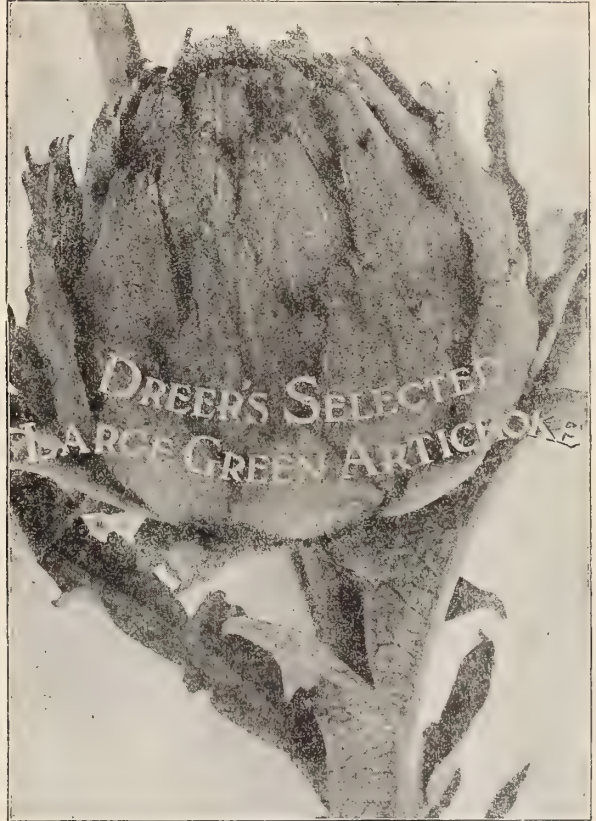
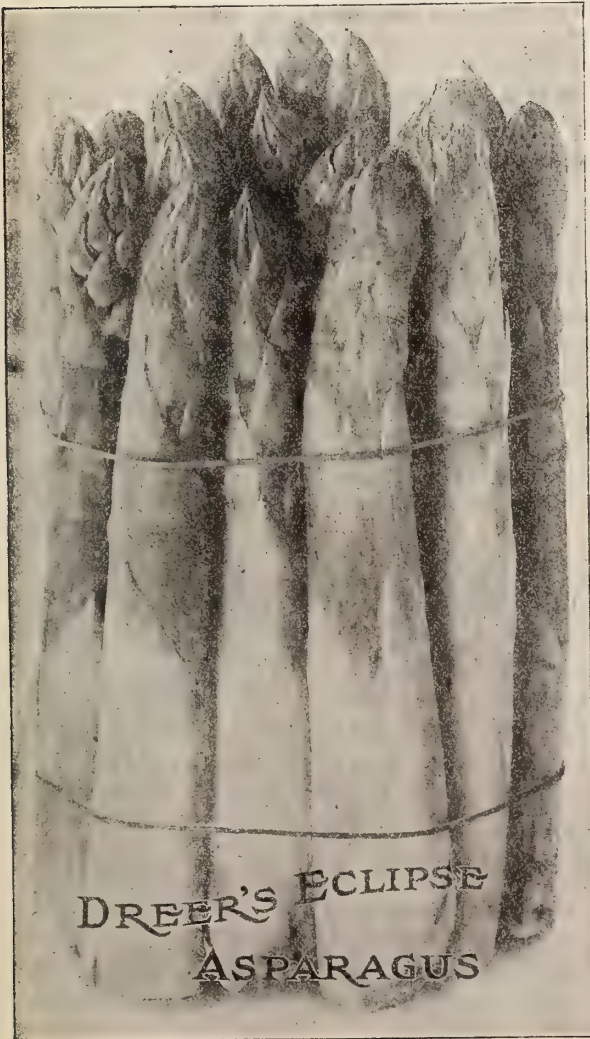
ARTICHOKE

Artichoke, GER. *Artichaut*, FR. *Alcachofa*, SP.

Artichoke Plants and Roots.

Plants of Dreer's Selected Large Green Artichoke. Artichokes are not always satisfactory when grown from seed, owing to the numerous undesirable types produced. We have arranged to furnish plants of this variety, which is the best kind sold in the Paris market. They should be set out early in April, when soil is in condition, in rows 3 feet apart, 2 to 3 feet apart in row, care being taken to press closely, but not plant too deep. Per doz., \$1.50; per 100, \$10.00, by express. Delivery after April 15th.

Jerusalem Artichoke Roots. Distinct from the Globe, and propagated by and for its tubers. Largely used for pickling and for feeding stock. Price of tubers: By express or freight, at purchaser's expense, qt., 25 cts.; peck, \$1.25; bu., \$4.00.



ARTICHOKE SEED.

Large Green Globe. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

ASPARAGUS SEED

Spargel, GER. *Asperge*, FR. *Esparrago*, SP.

One ounce will produce about 200 plants; 4 to 5 lbs. to the acre.

Leaflet on Asparagus Culture, giving directions for preparing the bed, planting and cultivating, also winter treatment of the plants, will be mailed free to all applicants.

DREER'S Eclipse Asparagus. (See cut.) This variety is the result of careful selection, and "breeding up" to the large type, yet retaining that delicate light-green color and tender quality desired. It is the best kind for home use. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 30 cts.

Argenteuil. Very popular in France, and extensively grown for the Paris market. The stalks grow to a mammoth size, sometimes weighing as much as 4 ounces each. We supply French grown seed. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 30 cts.

Conover's Colossal. Large and productive. Shoots are bright green. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb. 20 cts.

Palmetto. An early, prolific and very desirable variety. Shoots deep green. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.

Columbian Mammoth White. Large white stalks, very tender. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.

ASPARAGUS ROOTS (See page 264).

*Krup Bohnen, GER.***BEANS—Dwarf or Bush***Haricots Nains, FR.
Frigolis, SP.***One quart will plant one hundred feet of drill.**

Culture.—Beans are somewhat tender, but it often pays to take some risks. Plant in warm, loamy soil at the beginning of settled, warm weather in spring, and at intervals for succession until August. Rows may be made 2 feet apart, and the Beans planted a few inches apart in the drills, or 3 or 4 Beans in hills 6 to 8 inches apart. Cultivate and hoe frequently, always, however, when the vines are perfectly dry. In hoeing draw the soil up towards the rows or plants. For string Beans gather the pods clean as soon as fit for use. The plants will remain all the longer in bearing. **Material for inoculating Beans will be found offered on page 50.**



Black Valentine Beans. Bears an abundant crop of large pods, which are straight, almost round and dark green. It is an extremely hardy variety, and the vines are of a spreading habit and produce an abundance of pods which ripen a little later than Extra Early Red Valentine. On account of its fine appearance it is a good variety for shipping. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 50 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.75.

Triumph of the Frames. An early French variety, excellent for forcing, or growing in frames, and also may be used as a shell bean. The pods are long, flesh thick and of good quality when young. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 50 cts. (if by Parcel post add as noted at top of page); 4 qts., \$1.75.

SHORTAGE OF BEANS.

We regret to have to report short crops of Dwarf Beans again, due to unsuitable weather conditions, and there being practically no Beans carried over, the supply is smaller than that of last spring. We therefore advise our customers to secure their supply early before stocks have become exhausted.

BEANS BY PARCEL POST.

The prices given in this Catalogue for Beans of all kinds are for same to be sent by express or freight, at purchaser's expense. If pints or quarts are wanted sent by Parcel Post remit extra as follows:

To points East of Mississippi River add 8 cts. pt., 12 cts. qt.

To points West of Mississippi River add 15 cts. pt., 25 cts. qt.

GREEN-PODDED VARIETIES.

Packets of all varieties of Beans, 10 cts. each.

Improved Extra Early Red Valentine. (See cut.) A standard variety, extra early and bears pods which are round; long, slightly curved, of excellent quality and is one of the best for private use and market. The seed we supply is from a strain which has been selected especially for earliness and good quality. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.40.

Mammoth Stringless Green Pod. Plants are very productive; bearing pods which are perfectly round, very fleshy and entirely stringless. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 55 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.00.

Stringless Green Pod (Burpee's). Ripens earlier than Valentine, and remains tender and crisp a long time after maturity. Pods are pale green, long and straight, round, meaty and stringless. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 55 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.00.

Keeney's Stringless Refugee. Pods are medium to long, round, stringless, and very brittle. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 55 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.00.

Early Mohawk. Extremely hardy may be planted very early. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.40.

Long Yellow Six Weeks (Flat Pod). A well-known variety which is mostly grown for market. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.40.

Extra Early Refugee. Pods are of medium size, light green and of good quality. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.40.

Bountiful. Pods grow to large size, are broad and fleshy, cook tender and fine quality. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 50 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.75.

BEANS.—CONTINUED

BEANS BY PARCEL POST.

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WAX OR YELLOW-PODDED VARIETIES.

Packets of all varieties of Beans, 10 cts. each.

Stringless Refugee Wax. (See cut.) This variety of dwarf Wax Bean is an improved type of the Refugee Wax, to which it is far superior in every way. The plants are of very robust growth and extremely productive, bearing profusely the large, beautiful pods, which are of delicious flavor. Plants of this variety have been grown containing as many as twenty-five fully developed pods at one time. The pods are round and very large, usually containing five Beans each, and are always stringless. The color is a rich golden-yellow, and the quality is excellent. By express or freight, at purchaser's expense. Pt., 35 cts.; qt., 60 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.25.

Improved Rust-proof Golden Wax. An early variety and an improvement on the original Golden Wax. The pods grow long, nearly straight, broad, flat and are clear yellow. The vines grow erect and bear the pods well off the ground, thus preventing rust and rot. By express or freight, at purchaser's expense. Pt., 35 cts.; qt., 60 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.25.

Wardwell's Kidney Wax. A very popular variety of Wax Bean, bearing long, flat pods; of a delicate waxy yellow, stringless and brittle, producing a heavy crop. The pods mature a little later than Golden Wax, but are produced in great abundance. By express or freight, at purchaser's expense. Pt., 35 cts.; qt., 60 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.25.

Improved Prolific Black Wax. (*Cylinder Pod*). This is a marked improvement on the Black Wax. Plants medium size, pods waxy-yellow, very tender and productive. By express or freight, at purchaser's expense. Pt., 35 cts.; qt., 60 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.25.

Currie's Rust-proof Wax. An improvement on the old-fashioned Golden Wax, and ready about mid-season. Pods grow long, flat, very tender and of finest quality. By express or freight, at purchaser's expense. Pt., 35 cts.; qt., 60 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.25.

Pencil Pod Black Wax. This is an improvement on the prolific Black Wax, hardier and more prolific. The pods are long, pencil-like, very tender and brittle. It is a good mid-season variety. By express or freight, at purchaser's expense. Pt., 35 cts.; qt., 60 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.25.

Saddle-Back Wax. This variety is of beautiful shape and rich golden-yellow color. The pods are long, round, very solid and absolutely stringless. By express or freight, at purchaser's expense. Pt., 35 cts.; qt., 60 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.25.

Hodson Wax-pod. A late maturing variety which produces large quantities of creamy-white pods that are of good quality. Remarkable for its wonderful growth of plant, even during seasons when many other sorts grow slowly. By express or freight, at purchaser's expense. Pt., 35 cts.; qt., 60 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.25.

Sure-crop Stringless Wax. A valuable variety of Dwarf Wax Bean, which, while not related to the well-known Currie's Rust-proof Wax, bears a great resemblance to it in plant, pod and bean, but is of much better quality. The plant is strong and holds the pods well off the ground and it will stand long seasons of wet weather. By express or freight, at purchaser's expense. Pt., 35 cts.; qt., 60 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$2.25.

SHORTAGE OF BEANS.

We regret to have to report short crops of Dwarf Beans again, due to unsuitable weather conditions, and there being practically no Beans carried over the supply is smaller than that of last spring. We therefore advise our customers to secure their supply early, before stocks have become exhausted.



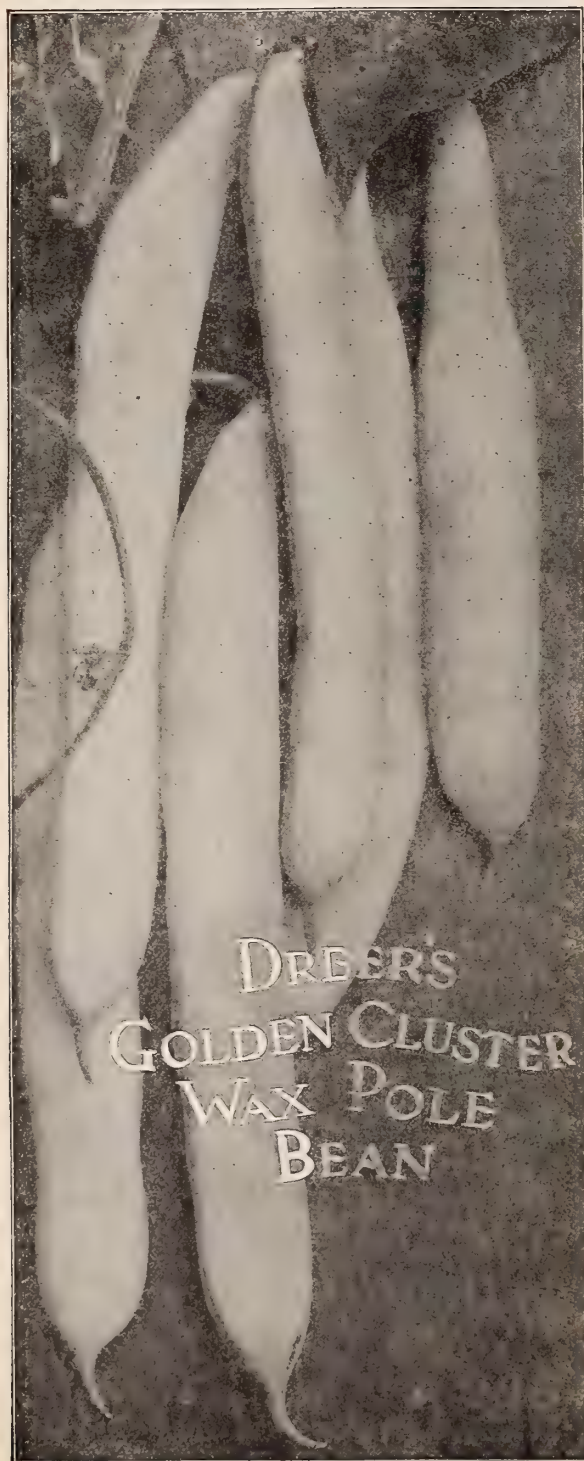


BEANS—CONTINUED.

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To points West of Mississippi River, 15 cts. pt.; 25 cts. qt.

Packets of all varieties of Beans, 10 cts. each.



DWARF VARIETIES OF

SHELL BEANS.

Michigan Wonder Pea Bean. This variety of Pea Bean will outyield all others, and is safer to grow because it ripens earlier and matures the entire crop about the same time. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25.

White Marrowfat. Extensively grown for sale as a dry Bean, for winter use. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25.

White Kidney, or Royal Dwarf. A superior kind for baking. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25.

	Pr.	Qt.	4 Qts.
Boston Pea Bean (Navy)	20	35	\$1 25
Black Turtle Soup	20	35	1 25
Red Kidney	20	35	1 25
Green Flageolet (Wonder of France) ..	30	50	1 75
Broad Windsor	30	50	1 75

POLE BEANS.

CULTURE. Pole Beans require warm and very rich, loamy soil. Plant when the soil has become well warmed through in spring. If planted in cold or soggy soil, the seed will rot. Use poles 5 to 8 feet long set in rows 4 feet apart each way, or in drills, if wire trellis is used. Plant 4 to 6 Beans around each pole, and thin out to 3 plants to a pole, or 2 to 3 Beans may be planted in hills a foot apart under a wire trellis. Cultivate freely, and if possible top dress around each hill with small quantity of poultry manure, compost or some good fertilizer. When hoeing, work this dressing well into the soil. **One quart will plant 150 to 200 hills.** Material for inoculating Pole Beans will be found offered on page 50.

POLE BEANS—GREEN POD.

Kentucky Wonder, or Old Homestead. Excellent for snap-shorts, matures early and is very productive. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 45 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

White Creaseback, or Best of All. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Lazy Wife's. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 50 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.75; peck, \$3.25.

Horticultural, or Speckled Cranberry. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 45 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Scarlet Runner. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

White Dutch Case-Knife and White Dutch Runner. Either variety by express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

POLE BEANS—WAX POD.

Kentucky Wonder Wax. (See Specialties, page 5.) By express or freight, at purchaser's expense, pt., 25 cts.; qt., 45 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Dreer's Golden Cluster Wax. (See cut.) Bears long golden-yellow pods in clusters of from three to six, from bottom to top of pole, and continues in bearing from middle of July until frost. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 45 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

*Stangen Bohnen, GER.***POLE LIMA BEANS***Haricots a rames, FR.
Frijol vastago, SP.*

CULTURE.—Pole Limas require warm and very rich, loamy soil. Plant when the soil has become well warmed through in spring. If planted in cold or soggy soil the seed will rot. Use poles 5 to 8 feet long set in rows 4 feet apart each way, or in drills, if wire trellis is used. Plant 4 to 6 Beans around each pole, and thin out to 3 plants to a pole, or 2 to 3 Beans may be planted in a hill a foot apart under a wire trellis. Cultivate freely, and if possible top dress around each hill with small quantity of poultry manure, compost or some good fertilizer. When hoeing work this dressing well into the soil. Sprouted Limas transplant easily. You can get a picking ahead of your neighbors by starting the Beans under glass in April and transplanting to open ground in proper season. **One quart will plant 150 to 200 hills. Material for inoculating Pole Beans will be found offered on page 50.**

BEANS BY PARCEL POST.

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To points West of Mississippi River, 15 cts. pt.; 25 cts. qt.

Packets of all varieties of Beans, 10 cts. each.

Carpinteria Lima. (See cut.) The Beans of this splendid pole lima have a greenish tint, an indication of good quality and an advantage in appearance over the white skinned varieties. Vines are vigorous and make strong growth, producing large quantities of pods, containing four large Beans, which are thicker than the ordinary lima, and retain their color even when in the dry state. The Beans cook nicely, and being thin-skinned, are exceedingly tender and of fine flavor. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

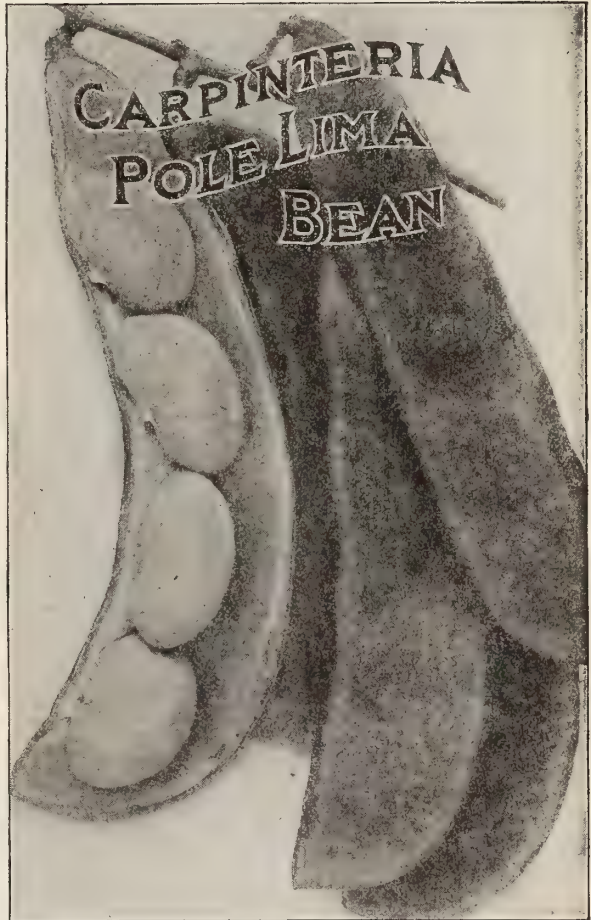
Dreer's Improved Lima. An early variety of excellent quality and great productiveness. This is without doubt the best variety for private gardens, and will shell out more beans from a given number of pods than any other pole lima. The quality is exceedingly fine, the Beans cooking rich and mealy. In some sections this variety is called Challenger, or Potato Lima. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Early Leviathan Lima. The earliest variety of pole lima; produces pods in clusters. The pods are long and contain from 4 to 5 large beans, which are flat in shape, of good size and excellent quality. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Early Jersey Lima. This variety matures a few days earlier than the King of the Garden. Pods contain 3 and 4 large beans each. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 25 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Selbert's Early Lima. Early and a great improvement on the large Lima. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

King of the Garden Lima. A vigorous grower, bearing large pods. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.



Small Lima, or Sieva. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

DWARF OR BUSH LIMA BEANS

CULTURE.—Select land that is especially warm, rich and well supplied with vegetable fibre or humus. Plant as soon as the soil becomes warm in the spring. Make the rows 2 feet apart and give to each plant 6 inches space in the row. A top dressing of poultry manure, ashes, or some good fertilizer or compost around the plants will be of much benefit in hastening maturity and increasing the yield. One quart will plant 100 feet of row; $\frac{3}{4}$ bushel for an acre.

Dreer's Wonder Bush Lima. (See Specialties, page 9).

Henderson's Bush Lima. A dwarf variety of the Sieva or Small Lima. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Burpee's Bush Lima. A bush form of the Large White Lima, which is of good quality. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Burpee—Improved Bush Lima. Pods and beans are extremely large. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 50 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.75; peck, \$3.00.

Dreer's Bush Lima. A dwarf variety of Dreer's Improved Lima. The beans grow close together in the pods and are thick, sweet and succulent. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 45 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Fordhook Bush Lima Bean. This valuable variety is a perfected form of Dreer's Bush Lima, which variety it resembles in form of pod and shape of bean, but both are larger and the plant is of a strong, upright growth, protecting the pods from contact with the soil, thus preventing rust or rot. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 50 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.75; peck, \$3.00.

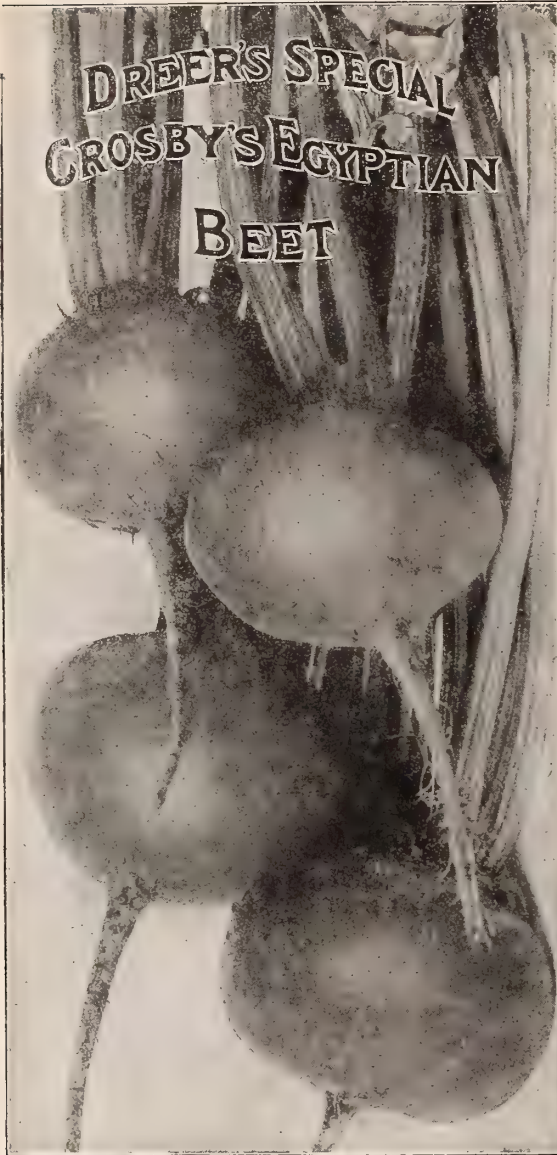
Rothe Ruebe, GER.

BEETS

Betterave, FR.

Remolacha, SP.

One ounce will sow 50 feet of drill; 5 to 6 pounds for an acre.



Early Eclipse. Perfectly smooth and round; skin and flesh intense red. This variety is one of the first to be ready for the table. It does not grow to large size, but is desirable for its earliness and sweet, tender quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Extra Early Egyptian. An early variety, suitable for forcing and growing in the open garden. Tops are small and Beets are rounded on top, but flat at bottom end. The color of flesh is dark and light red and the Beets are tender. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Crimson Globe. (See cut.) This Beet is remarkable for its smooth skin and fine shape. It is a second early variety, does not grow large and coarse, the matured Beets being medium in size and of good shape. The flesh and skin are both very dark and quality fine, being sweet and tender. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

CULTURE.—Fibrous loam, well-drained and well-enriched, will raise good Beet crops. For early table Beets, have drills 16 to 20 inches apart, and sow the seed about 1 inch deep, as early as the ground can be put in good shape. Or seed may be sown under glass four weeks sooner, and the young seedlings transplanted to open ground, to give an extra early crop. Give thorough and clean cultivation, and thin the plants to stand 3 to 4 inches apart in the rows. For succession sow at intervals until middle of July. For the earliest sowings a light dressing of nitrate of soda, say 100 pounds per acre, will sometimes work wonders.

Dreer's Excelsior Blood. (See colored plate and page 8.) Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Dark-leaved Globe. (See Specialties, page 4.) Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Early Model. (See Specialties, page 4.) Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Dreer's Special Crosby's Egyptian. (See cut.) Our special strain of Crosby's Egyptian Beet is superior to that usually sold. The seed is American-grown from Beets selected for earliness and uniformity of shape and color. It is ready for use very early, is sweet and tender, and may be depended upon for best results, either when grown in the garden or under glass. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Crosby's Egyptian. Extremely early, and may be grown either out of doors or under glass, and in either case the young Beets are fit for use at an early stage of their growth. It is thicker through than the old Egyptian, which adds greatly to its appearance, and this, together with the rich vermilion color, makes it a very attractive sort. The quality is excellent, being sweet and tender. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Detroit Dark Red. A choice variety of early turnip Beet. The tops make an upright growth, thus allowing of planting in close rows, a valuable feature where space in the garden is limited. The Beet is somewhat globe shape, skin blood-red and flesh rich red, zoned with a darker shade. The Beets are sweet when cooked, and it is a splendid variety for canning. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.



BEETS—Continued

Edmand's Blood Turnip. (See cut.) A good variety to follow the extra early sorts, and one of the best for winter use. Skin and flesh are both dark red and the quality is good. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Early Blood Turnip. A fine selection, early and also good for summer and autumn use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Dewing's Improved Blood Turnip. An improved Early Blood Turnip. The skin is dark red and flesh carmine, striped with a lighter shade. The flesh is tender and has a sweet flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Bastian's Early Blood Turnip. A good early turnip-shaped Beet. The flesh is bright red and white and the quality is very good. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Early Bassano. A rapid-growing variety having large leaf-top, which may be used as greens. The roots grow to good size and are very sweet. Flesh is white and rose-colored. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Bastian's Half Long Blood. A fine variety for either spring or winter use. The roots are smooth, flesh bright-red, and quality excellent. For winter use the seed should be sown early in July. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Long Dark Blood. A good late variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

SWISS CHARD, OR SPINACH BEET.

Swiss Chard, Giant Lucullus. (See specialties, page 4.) The leaves of Swiss Chard are used as greens, cooked in the same manner as spinach, and the large ribs are prepared like asparagus in which manner they are delicious. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Swiss Chard, or Silver Beet. Produces large, light-colored leaves. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

MANGEL WURZEL.

Sow 6 lbs. to acre, in May or June, in rows 2 feet apart, and thin to 9 inches. Cultivate with horse.

Mammoth Long Red. This is a favorite variety with dairymen. $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.; 10 lbs., by express or freight, at purchaser's expense, \$5.00.

Red Globe. A large red oval variety; keeps well and produces better crops on shallow soil than the Long Red. $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.; 10 lbs., by express or freight, at purchaser's expense, \$5.00.

Golden Tankard. Considered indispensable owing to its productiveness and richness in saccharine matter. Deep yellow flesh and skin. $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.; 10 lbs., by express or freight, at purchaser's expense, \$5.00.

Golden Yellow Mammoth. A long Mangel resembling in form and size the Red Mammoth. $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.; 10 lbs., by express or freight, at purchaser's expense, \$5.00.

Yellow, or Orange Globe. Same as Red Globe, only different in color. $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.; 10 lbs., by express or freight, at purchaser's expense, \$5.00.

SUGAR BEETS.

Klein Wanzleben. This variety is without question the best in cultivation; not largest in size, but richest in saccharine matter. $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.; 10 lbs., by express or freight, at purchaser's expense, \$5.00.

White Sugar Green top. Excellent for stock feeding and sugar making. $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.; 10 lbs., by express or freight, at purchaser's expense, \$5.00.

Lane's Improved White Sugar. A very productive variety, $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.; 10 lbs., by express or freight, at purchaser's expense, \$5.00.



BROCOLI.

Spargel Kohl, GER. Chou-Brocili, FR. Broccoli, SP.

This vegetable is used in the same manner as Cauliflower and the method of culture is the same. It thrives best in rich soil and during cool weather, and is greatly aided in its growth by frequent hoeing and watering. Sow seed in hot-bed in January or February and transplant into cold frames, 2 or 3 inches each way. Set out in open ground early in spring, about 2½ feet apart. To obtain the best flavor, Broccoli should be cooked soon after being cut, as it deteriorates if allowed to remain uncooked for any length of time and becomes somewhat bitter.

White Cape. An excellent variety, making large, compact heads of a creamy-white color and of good flavor. It resembles the Cauliflower although somewhat coarser. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lbs., \$1.00.

BRUSSELS SPROUTS.

Rosen Kohl, GER. Chou de Bruxelles, SP

Culture. Sow seed for plants in frames or open ground. Set plants in early spring, and for succession up to July, making rows 3 feet apart and having the plants stand 1½ to 2 feet apart in the row. Cultivate same as Cabbages.

One ounce will sow 200 feet of drill.

Dreer's Select Matchless. A small leaved variety of this desirable vegetable, which through careful selection has been brought to perfection. Grows freely during the summer, and is fully developed by the early frosts, at which time the stems are thickly set with sprouts. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Long Island Half Dwarf. An American variety, thoroughly acclimated; dwarf, robust habit; will endure the climatic changes better than the foreign sorts, and much freer from mildew and aphids. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Kohl, GER.

Chou, FR.

CABBAGE

Berza, SP.

Sow one ounce for 3,000 to 4,000 plants, 4 ounces for one acre.

CULTURE. For plants of the earliest sorts sow seed in January or February under glass, and prick out in flats or frames about 2 inches apart each way. Transplant to open ground as soon in spring as the land can be properly prepared. A rich, warm, fibrous loam is best. Have the plants in the rows 20 to 24 inches apart, and rows at least 2 feet apart. Give thorough cultivation, and irrigate in dry weather if practicable. Protect against the ravages of cutworm, maggot and green worm. A little nitrate of soda applied around the plant is of great benefit. Potash applications, such as wood ashes or muriate, may also do much good. For late Cabbage plants, sow seed in drills in open ground during April and May, and transplant in June and July, giving the plants more room than allowed for earliest Cabbages. Dusting with tobacco dust, insect powder, etc., or splashing with hot soapsuds, especially Whale Oil Soap solution, are good and safe remedies for some of the insect pests attacking plants of the Cabbage.



EARLY VARIETIES.

Small Extra Early Jersey Wakefield. (See Specialties, page 5.) Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Early Jersey Wakefield. A leading early variety, a sure header and one of the best for private or market gardener's use; conical shape and good quality. Our strain of this variety is exceptionally fine. Pkt. 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

The Charleston, or Large Wakefield. (See cut.) Large solid heads, of good quality, a few days later than Early Jersey Wakefield; especially recommended for institutions and market gardeners, producing fully twice as much per acre as the early variety. The strain we offer is very fine, and cannot fail to give satisfaction, as it combines all the good qualities of an early, long-keeping Cabbage. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Early Winnigstadt. Conical shaped heads, medium size, very solid and of good quality. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Copenhagen Market. (See cut.) This excellent variety from Denmark will command the attention of those who grow for early market, as well as the private growers who desire an extra early, round-headed Cabbage which can be depended upon for making large solid heads at an early season. The heads are grown upon a remarkably short stem, are solid and large in size, weighing 10 to 12 pounds, light green leaves, and of good quality. It is the largest of the early round-headed varieties, and its habit of growth allows of its being planted close together in the field or garden. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

SECOND EARLY

VARIETIES.

Dreer's Early Drumhead. A second early, for the home garden, large, round, solid-heading variety. This we consider the best for following Charleston Wakefield; it matures about ten days later. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Early Summer. An excellent second early Cabbage, which matures about ten days after the Jersey Wakefield. It makes a large, solid, flattish head, with short outer leaves, which admit of close planting in the field, and is a good keeper. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

All Head Early. The largest heading of the second early sorts, of excellent quality. The deep flat heads are remarkably solid, and very uniform in size, of a very compact growth, having a few outer leaves; can be planted as close as the Wakefield. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Succession. A sure heading second early round headed sort, heads very evenly, and comes in a few days after the early Summer and makes a larger head, with a short stem. It is grown largely by both market gardeners and the amateurs. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Improved Flat Brunswick. Produces large heads, with short stems and of excellent quality. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Selected All-Seasons (Vandergan). An early Drumhead Cabbage, yielding heads of the largest size and good quality. Very desirable; either for early spring, summer, or fall use. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.



CABBAGE—Continued.

LATE VARIETIES.

Danish Roundhead. (See Specialties, page 5.) Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Chinese, or Celery Cabbage. (See page 5.) Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Danish Ball Head (Hollander.) (See cut.) A medium or late variety, but mostly used as a winter Cabbage. Medium size, round head and a fine keeper. The strong growth of this variety enables it to withstand dry weather well, and its remarkably good keeping quality make it an extremely valuable Cabbage for storing away for winter use. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

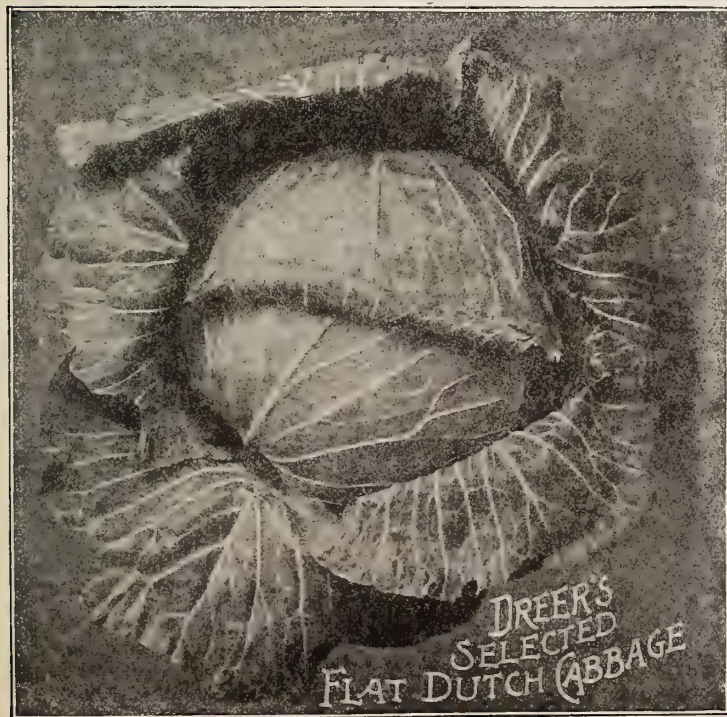
Large Late Drumhead. Heads are solid and of good texture, and have very few loose leaves. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Autumn King, or World Beater. Heads large size, solid, good quality and an excellent winter keeper. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Dreer's Selected Late Flat Dutch. (See cut.) This is the finest strain of Late Flat Dutch Cabbage on the market. The heads are flat and grow remarkably large, even, very solid, and are of fine texture. Stems grow short and the quality of the Cabbage is very fine. It is very hardy and makes a slow growth, but is a sure heading sort, and nearly every plant can be depended upon to produce a fine large head. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

SAVOY CABBAGE.

Perfection Drumhead Savoy. Of superior quality; the largest solid-heading Savoy, and has the rich flavor of the cauliflower. The plants are strong and vigorous, and withstand the ravages of the cabbage worm better than other sorts. This is the best main crop variety for market gardeners, as it will produce larger heads than any other kind of Savoy Cabbage. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.



RED CABBAGE.

Early Red Dutch Erfurt. An old-time variety, largely used for pickling. The heads are solid, dark red in color and of excellent quality. Pkt., 5 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Mammoth Rock Red. This is the largest variety of Red Cabbage and produces heads which are remarkably solid, more so than any other kind. The heads are round with spreading outer leaves and mature at a late season. It is the best and most attractive Red Cabbage grown. Pkt., 5 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

CABBAGE PLANTS.

(See page 264.)

CARDOON.

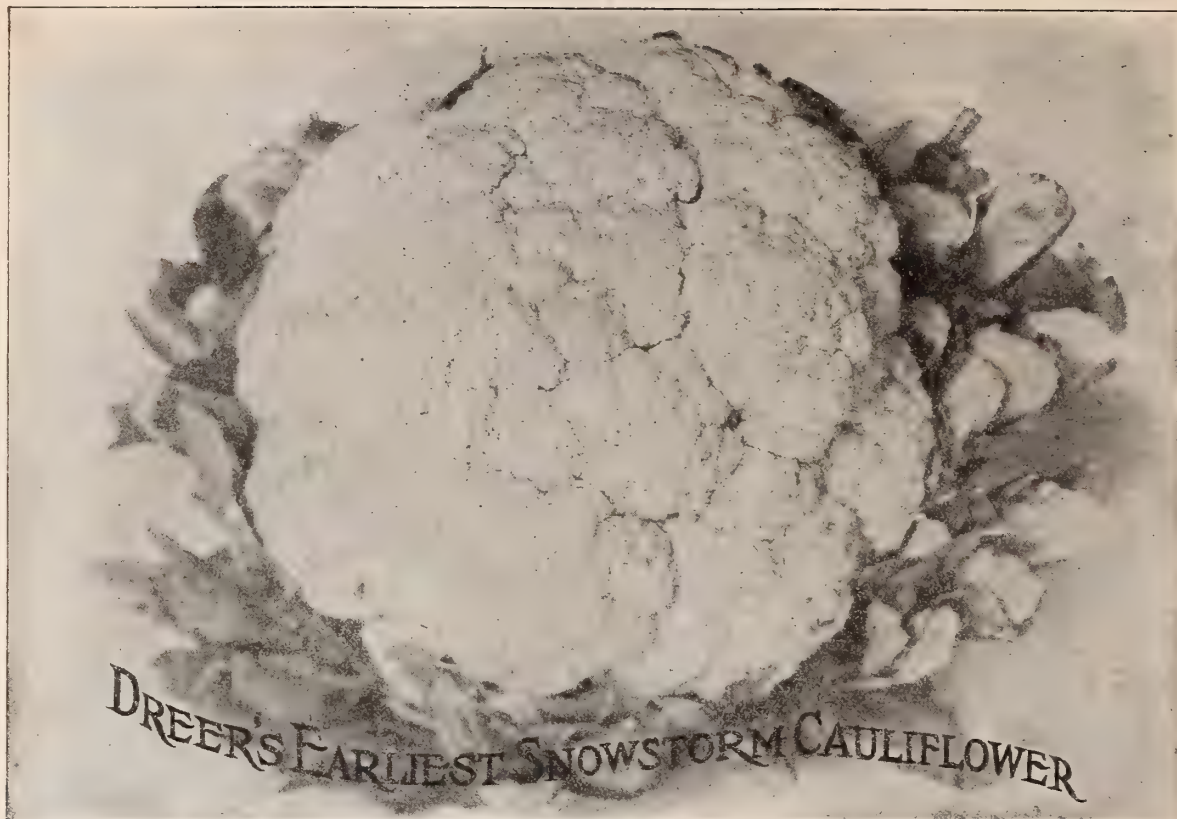
Culture. Sow seed in open ground in early spring, either for plants to be transplanted, or directly where the crop is to mature. Have rows 3 to 4 feet apart, and plants standing 1 to 2 feet apart in the rows. Cardoon is sometimes grown in trenches in same manner as celery used to be grown. To make the stalks edible, they must be bleached much like celery. The mature leaves are tied together, wrapped in straw, and banked up with earth. The stalks will blanch fit for use in 3 to 4 weeks.

Large Smooth Solid. Grows about 4 feet high and is almost free of spines. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

CHERVIL.

Culture.—The seed of Curled Chervil may be sown in well prepared ground at any time during the spring. The rows should be about one foot apart and plants cultivated like parsley. The leaves are aromatic and used for seasoning.

Curled Chervil. Pkt. 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.



Blumenkohl, GER.

CAULIFLOWER

Chou Fleur, FR. Coliflor, SP.

One ounce of seed will produce about 3000 plants.

Culture. For earliest Cauliflower, raise plants by sowing in hotbed or greenhouse during January or February, and transplant to flats or cold frames, 2 or 3 inches apart each way. Set in open ground as soon in spring as the land can be put in good order. Soil to be a warm, very rich, fibrous loam, well supplied with humus and moisture. Copious water applications during dry weather, especially when the plants are heading, and light dressings of nitrate of soda and potash are of much help. Set plants 2 to 2½ feet apart each way. When heads are formed and are hard, they should be blanched by drawing the leaves together and tying with raphia, or strips of soft cloth. For late Cauliflower, to mature during the pickling season (August 15th to October 10th) start plants in open ground like late cabbages, and handle them like that crop.

DREER'S Earliest Snowstorm. (See cut.) We have given this variety much care and attention, and the uniformly good results received by growers using our "Snowstorm" convince us that we have the very best and earliest strain of Cauliflower on the market, both for forcing and for growing in the open ground. It has been used by our customers in different sections, and the report is alike from each: "*The best they ever grew.*" It is a dwarf variety, with short outer leaves, and can be planted close, 2 feet apart each way. It always makes a fine, large and exceedingly beautiful snowy white head, much earlier than any other variety. Pkt., 25 cts.; ¼ oz., \$1.75.

Dry-weather Cauliflower. This variety of Cauliflower is especially adapted for sections subjected to long dry seasons, as it will grow well and produce the finest heads in spite of the lack of moisture which is required by other sorts. The heads grow to a large size, are very solid, pure white and of delicious flavor. Pkt., 20 cts.; ¼ oz., \$1.00.

DREER'S Selected Dwarf Erfurt. One of the earliest in cultivation; small-leaved dwarf, for forcing or open ground, producing very solid pure white heads of the finest quality. It grows about 15 inches high, and is a sure header. Pkt., 20 cts.; ¼ oz., \$1.00.

Early Snowball. An extremely early dwarf variety, producing magnificent white heads of fine quality. Well adapted to hot-bed culture. Pkt., 20 cts.; ¼ oz., \$1.00.

Early Dwarf Erfurt. An early market variety. Large white, compact heads. Pkt., 10 cts.; ¼ oz., 75 cts.

LATE CAULIFLOWER:

Half Early Paris. A popular white sure-heading variety, good for early or late use. Pkt., 10 cts.; oz., 60 cts.

Lenormand's Short Stem. A large, late, short stemmed variety. Pkt., 10 cts.; oz., 60 cts.

Aigiers. An extra fine late variety, suitable for market and sure to head. Pkt., 10 cts.; oz., 60 cts.

Veitch's Autumn Giant. One of the finest late varieties, of robust habit; heads large, compact and thoroughly protected by the leaves. Pkt., 10 cts.; oz., 50 cts.

Cauliflower and Cabbage Plants. (See page 264.)

CHICORY.

Culture. Sow seed in early spring as for carrots, in rows 12 to 16 inches apart, and thin the plants to 2 to 3 inches. To blanch the leaves for salad in winter, dig the roots in the fall, cut the leaves off a little above the root crown, and place them horizontally in layers, alternating with layers of sand or loam, in a dark cellar, the tops all pointing outward of the sloping heap or heaps. Directions for raising Witloof Chicory, or French Endive, are given on page 5. One ounce to 100 feet of drill.

Common, or Wild. The leaves are used as salad. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.00.

Large Rooted. Used to mix with or as a substitute for coffee. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

Witloof Chicory, French Endive. (See page 5.) Pkt., 5 cts.; oz., 20 cts.; ¼ lb. 60 cts.; lb., \$1.75.

SUTTON'S RED INTERMEDIATE CARROT

Mohre, GER.

CARROT

Carotte, FR.

Zonahoria, SP.

One ounce will sow 100 feet of drill; 3 to 4 pounds for an acre.

CULTURE.—Carrots do best in warm, deep, rather light and fairly fertile soil that is well supplied with humus, or on strong, loam having been in clover and broken the year before. For earliest crop sow seed of the early short-rooted sorts in April or May in drills a foot apart and thin to 2 inches. For main crop, sow in May or June, or for succession even in July, using the longer rooted varieties. The rows for these may be 16 to 20 inches apart, and the plants thinned to 2, 3 or even 4 inches. To raise Carrots for stock, the rows may be made wide enough apart, say 2 to 2½ feet, to allow of cultivation by horsepower. In sowing Carrot or other small seeds, especially during dry weather, pains should be taken to firm the soil well over the seed, either by means of the feet or with the roller of the garden drill. Varieties marked * are good for stock feeding.

Dreer's Perfect Forcing Carrot. (See Specialties, page 5.) Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.50.

Earliest Short Horn (*French Forcing*). This variety is one of the earliest to mature. Roots are small, reddish-orange, of globular shaped when forced. Should be used while small in order to obtain its best quality. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.00.

Early Scarlet Horn (*Dutch Horn*). May be planted very early in spring, and is an excellent summer variety. Tops small and roots grow about 3 inches long; reddish-orange and good flavor. May be grown either in frames or in the open ground. Like the "French Forcing" Carrot, this variety is at its best quality while young and tender. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$1.75.

Early Half-Long Scarlet (*English Horn*). A desirable early point-root sort, coming in between Scarlet Horn and Long Orange. The root is spindle shape, about three times as long as it is broad, and neck is tinged with green or brown. It is a very attractive variety. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$1.75.

***Danvers' Half-Long Orange.** A rich orange-red variety, very smooth and handsome, producing very large crops. An excellent market variety. Tops are of medium size and coarsely divided. The roots taper to a blunt point; flesh sweet, crisp and tender. Although the roots of this variety grow shorter, it produces more bulk to the acre than the larger field varieties, and it is more largely grown than any other variety of half-long Carrot. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50.

Improved Rubicon. This beautiful half-long stump-root Carrot originated in Rhode Island. It is the result of careful breeding, and in shape and color most desirable. The Carrots grow about the same length as the well-known Danvers, but thicker, and are a rich, dark orange in color. The skin is very clear and roots are uniform in size and shape. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50.

Sutton's Red Intermediate. (See cut.) This variety of Carrot is of English origin, and its handsome shape, rich red color and fine quality appeal to all who plant it. The Carrots grow to a desirable size, being between the half-long and long varieties, and are very uniform. The shape is most desirable, tapering to a decided point, and the quality is excellent, being sweet and tender. Those who planted seed of this Carrot last spring are now praising it highly. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

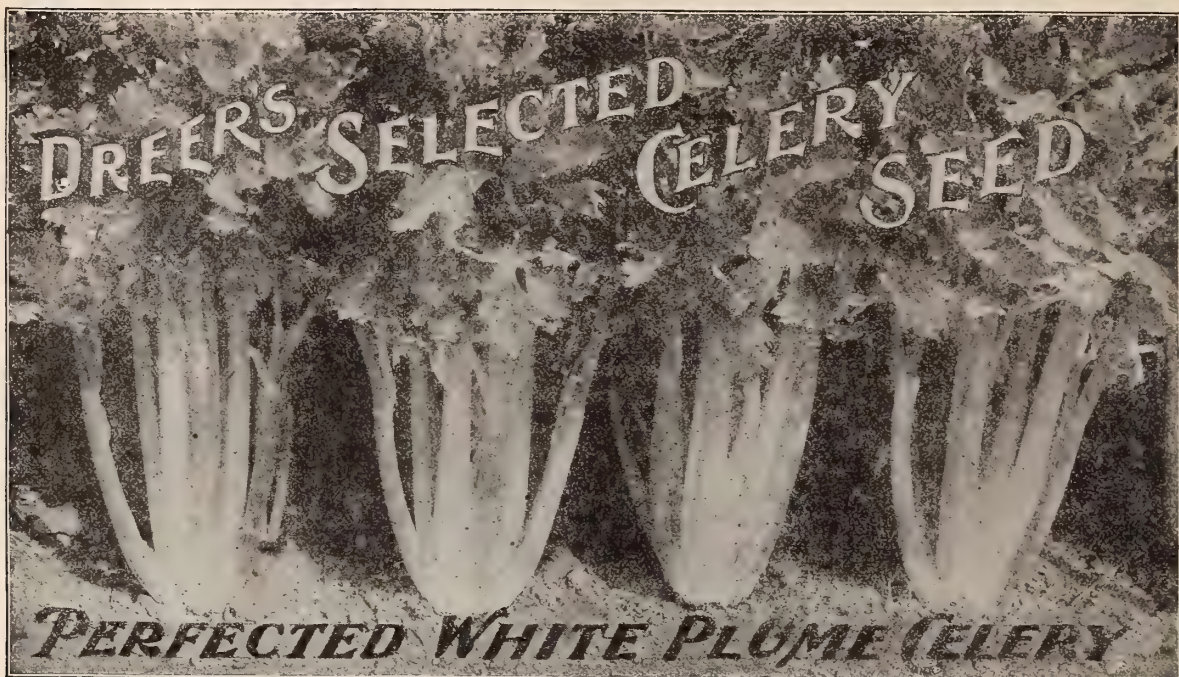
St. Valery. A large and handsome Carrot, suitable either for use in private garden or field culture. It is between the half-long and long varieties, growing about 10 inches long, broad at neck, tapering to a point; orange color and of good quality. It gives the best results when planted in a light, rich soil, which has been well dug. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

Chantenay Half-Long. A half-long variety, stump rooted, but slightly tapered and has a smooth orange-red skin, crisp, tender and of excellent quality. The root is broad at top, grows about 5 or 6 inches long and may be used in the early stage of growth. It resembles the Nantes Carrot, but has a larger shoulder and is desirable both for garden and field culture. Pkts., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50.

Guerande, or Oxheart. A good variety on soils too hard and stiff for the longer-growing sorts. The root is short, very thick, and has a small tap-root; flesh is a bright orange color, fine-grained and of sweet flavor. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50.

***Nichol's Improved Long Orange.** This is a very fine selection of the Long Orange Carrot, and the best variety for stock feeding; should be grown on deep soil. Color deep orange, and when small it may be used for the table. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

***Large White Belgian.** Used for feeding cattle; grows large and is very productive. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.



One ounce of Celery seed will produce from 5,000 to 10,000 plants.

Culture.—For early or summer Celery sow seed of the self-blanching sorts in flats under glass during February, and prick out, singly or in sections of row, into other flats, frames, or in nursery row in the open, selecting soil in the highest state of cultivation. In May to June, set the plants in very rich and well prepared land, 6 inches apart in the rows, and rows 3 or 4 feet apart. Give thorough and clean cultivation, and blanch by means of boards set up against the rows. For later and winter Celery, start seed of standard sorts either in flats as for early, only a little later, or directly into open ground. Make the rows for plants 1 foot apart; sow seed shallow and firm well. The rows in which the plants are to be set are 4 or 5 feet apart. Blanch by earthing up gradually clear to within a few inches of tip of leaves. For winter storage, take up the plants with roots, and place upright on wet soil in a dark cellar or root house, packing closely.

Easy-Blanching. (See Specialties, page 6.) Pkt.; 20 cts.; $\frac{1}{2}$ oz., \$1.25; oz., \$2.00; $\frac{1}{4}$ lb., \$6.00.

Winter King. (See Specialties, page 6.) Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

Perfected White Plume. (See cut.) We offer a choice strain of this valuable and popular variety. It is ready for use ahead of all other varieties, and is unsurpassed for fall and early winter use. The leaves are bright green with white tips, and as the plants grow to maturity the inner stalks and leaves turn white, thus making very little earthing up necessary to thoroughly blanch it. The flavor is good and it is a fine celery for early marketing. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

Originator's Golden Self-Blanching. Seed grown in France especially for us by the originator, and far superior to the American grown seed. It is an early sort, requiring but little labor to blanch. Plants medium size and make a stocky growth; heart is rich golden-yellow, with light yellowish-green outer leaves. The quality excellent, as the stalks are remarkably crisp and tender. Pkt., 20 cts.; $\frac{1}{2}$ oz., 85 cts.; oz., \$1.50; $\frac{1}{4}$ lb., \$4.50.

Golden Self-Blanching. Similar to above, but seed grown in America direct from French grown stock. A very good strain. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.

Golden Half-Dwarf. The best of the half-dwarf varieties; stalks large and full; the heart is golden-yellow, turning to a light color when blanched. Very solid, rich flavor and good keeper. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Perfection Heartwell. A most excellent variety. Stalks long and thick, very compact, crisp and of fine flavor. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Boston Market. Very mild flavor, extremely tender and crisp. Forms a cluster of heads, and should be blanched by earthing up. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Columbia. Stalks are thick, almost round, and resemble Giant Pascal in shape, but are of a rich, yellow color, similar to the well-known Golden Self-blanching. It matures early, and its exceedingly fine flavor and crispness will please the most critical. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Dreer's Monarch. A decided acquisition in green Celery, producing large stalks, and magnificent bright golden-yellow heart. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Fin de Siecle. Grows very large, stalks solid and crisp. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Schumacher. The stalks are perfectly solid and crisp. It has a firm and beautiful golden heart, and the flavor is first-class. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Giant Pascal. A superior keeping sort. Stalks are large, thick, solid, crisp and of rich nutty flavor; it blanches very easily and quickly. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Winter Queen. An excellent winter-keeping Celery. Grows a very thick, solid and heavy stalk, and has a large heart. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

New Rose. The red sorts surpass the white in flavor, and possess in their coloring a feature which renders them valuable for decoration. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 85 cts.

Soup, or Flavoring Celery. Oz., 5 cts.; lb., 40 cts.

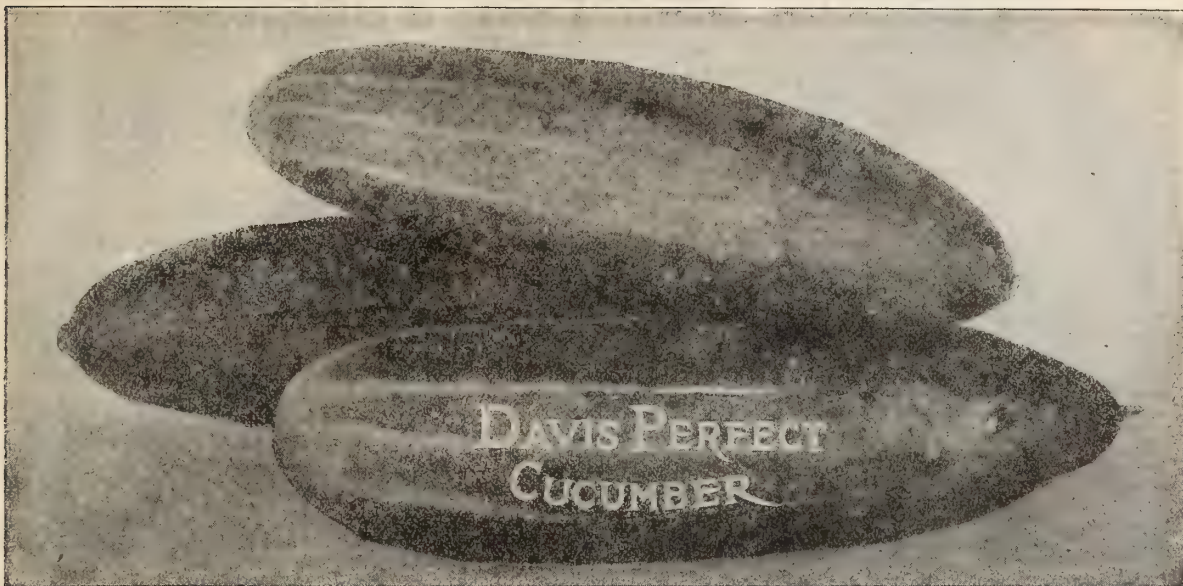
CELERIAC (Turnip-rooted Celery).

Knoller Sellerie, GER. Celerie Rave, FR. Apio Nabo, SP.

Culture. Grown mostly for its bulbous root. Seeds are started and plants set in same way as advised for Celery. Celeriac is not usually blanched, but very fine when thus treated, and much hardier than the stock celeries.

Apple-shaped. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 85 cts.

Giant Smooth Prague. A very large and smooth variety. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

*Gurken, GER.***CUCUMBER.***Concombre, FR.**Pepino, SP.***One ounce will plant fifty hills; two pounds will plant one acre.**

CULTURE.—For very early Cucumbers, sow April 1st, in a hotbed upon pieces of sod (grass side down), so that they can be readily transplanted to the open ground, in rich soil, when danger of frost is over, or protect by hand glasses. For early use, plant, if the weather has become settled and warm, in hills 4 to 6 feet apart each way; thin out to four of the strongest plants to each hill, after all danger from insects is over. They succeed best in a warm, moist, rich loamy soil. Continue planting at intervals for a succession. The Cucumbers should be gathered when large enough for use, whether required or not; if left to ripen it destroys their productiveness. For pickles, plant from June until the middle of July. The yellow-striped cucumber or squash beetle is the most serious insect enemy of this crop. Bordeaux Arsenate of Lead Mixture is by far the best remedy yet discovered. Dilute it with water, 3 ounces to the gallon, and spray it on the vines when in danger of the beetle or blight.

Early Fortune. (See colored plate and page 8.) Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Klondike. (See Specialties, page 6.) Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

The Davis Perfect. (See cut.) For years this variety was controlled by the originator, who states that he experimented several years in trying to get an improved strain of Cucumber for forcing under glass and outside culture. The Cucumbers grow long and slim, sometimes measure 12 inches in length; the color is a rich, dark, glossy green, which they hold until nearly ripe. It is very tender, and of fine flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Arlington White Spine Forcing. A strain of White Spine which has been improved through careful selection with a view to use for forcing in hothouses and frames. It is also largely used in private gardens and produces large Cucumbers, sometimes measuring six to seven inches in length, and have an attractive bright green skin. The small Cucumbers also make very nice pickles. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Improved Early White Spine (Bennett's). An excellent variety, which produces an early crop of Cucumbers. The fruits are straight, light green with white spines, and are crisp, tender and of good flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Early Russian. One of the earliest varieties. The fruit is small, only 3 to 4 inches long, and being produced in pairs makes it a very productive sort. The quality is very good. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Early Cluster. A very early sort, well adapted for forcing or open ground. Produces the fruits in clusters, good quality and flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Cool and Crisp. A strain of White Spine somewhat like the Arlington, but longer and more cylindrical. It is early, and continues in bearing the entire season. Good for table use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Nichol's Medium Green. This Cucumber is largely grown for the pickle manufacturers. Fruits medium size and dark green. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Green Prolific. One of the best pickling varieties, for which purpose it is extensively used. It is productive and bears fruits of medium size, bright green skin and the flesh is very crisp. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Everbearing. This is a valuable variety, producing Pickles and Cucumbers until frost kills the vines. It is very productive; fruits of all sizes will be found on the vine at same time; size is small and well adapted for pickling. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Long Green (Jersey Pickle). Fruits are long, firm and crisp. The small fruits are used for pickles and larger ones make excellent sweet pickles. The vines make a strong growth and are very productive. Our strain of this variety is excellent, and produces fruits of a uniform size and shape. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Emerald. Exceedingly productive, fruits set early and are very handsome; dark green, long and straight, entirely free from spines. Quality fine, being very solid and crisp. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Chicago Pickle. Medium size, pointed both ends, spines very prominent and color deep green; a prolific bearer. The fruits begin to set while vines are small and continue to do so for a long season. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Japanese Climbing. Ornamental as well as useful and may be grown on a trellis; very prolific and of good quality. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Small Gherkin. A small prickly variety. Used for pickles only and should be picked while young and tender. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

ENGLISH FORCING**CUCUMBERS.**

Covent Garden Favorite, Rochford's Market, Lockies' Perfection. In packets of 10 seeds each, 25 cts.; per 100 seeds, \$2.25

Duke of Edinburgh, Sion House Improved, Telegraph (Rollison's). In packets of 10 seeds each, 20 cts., per 100 seeds, \$1.75



CORN, Sweet or Sugar.

Welschkorn, GER.

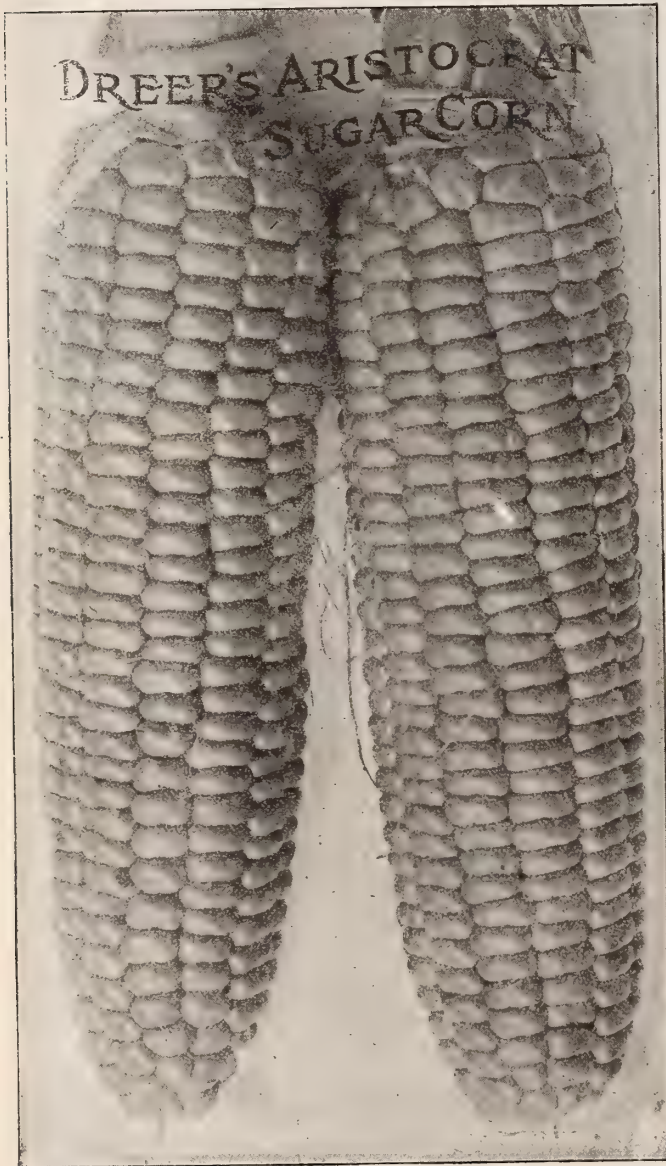
Mais, FR.

Maiz, SP.

1 qt. will plant 200 hills; 8 to 10 qts. to an acre, in hills.

CULTURE. Seed of the sweet varieties is liable to rot if planted in wet or cold ground. Yet if we have an early warm spell in spring, it may pay us to take some risks. Often the plants, when once up, will escape injury by a belated light frost. Plant in warm soil, making the rows 3 feet apart for the dwarfed early sorts, and 4 feet apart for the taller late sorts. Hills to be 2 to 3 feet apart in the rows. For succession plant every two weeks up to July 15th.

Packet of any variety of Sweet Corn, 10 cts., postpaid.



SWEET CORN BY PARCEL POST.

The prices given in this Catalogue for Sweet Corn of all kinds are for same to be sent by express or freight, at purchaser's expense. If pints or quarts are wanted sent by Parcel Post remit extra as follows:

Points East of Mississippi River, 6 cts. pt.; 8 cts. qt.

Points West of Mississippi River, 10 cts. pt.; 18 cts. qt.

Golden Cream. (See specialties, page 9.)

Golden Dawn. (See specialties, page 6.)

Dreer's Aristocrat. (See cut.) This delicious Sweet Corn was first introduced by us a few years ago. It was for many years controlled by a prominent gardener who supplies truck to the aristocrats at Newport, R. I. He would not allow any of the seed to get into the hands of his competitors, thus having a monopoly, and as it was the finest Sweet Corn that came to the market, he found no difficulty in disposing of all he raised. It is an extra early variety, ripening with the Cory; stalks grow 4 to 6 feet high and ears are of large size, measuring 8 to 10 inches in length. The grains are extremely sweet, and, being decidedly broad, allow of easy scoring with a knife preparatory to buttering when eating from the cob. This is the most satisfactory early variety of Sweet Corn for home use. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Golden Bantam. Produces ears measuring about five inches, but the smallness of ears is fully made up by the deliciously sweet flavor and tender quality of the Corn when cooked. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 50 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.85; peck, \$3.25.

Kendel's Early Giant. Ears are about 7 inches in length, with pure white grains, very sweet and tender. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Mammoth Early. A second-early variety, which bears large ears with large-sized grains and is very sweet. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Metropolitan. Extra early, ripens a few days later than Cory, but produces larger ears. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Early Evergreen. This variety resembles the Stowell's Evergreen, but is ready for use much earlier, and remains in good condition equally as long. The ears grow to a good size, usually about 7 inches long, and contain from 16 to 18 rows of deep, sweet grains. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

White Cob Cory. An improved variety of the Cory Corn, with uniformly white cobs. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

WELL-KNOWN VARIETIES.

Prices below for Sweet Corn are for same by express or freight, at purchaser's expense. If wanted by Parcel Post, add as noted at top of page.

	PINT.	QUART.	4 QUARTS.	PECK.
Crosby's Early.....	\$0.20	\$0.35	\$1.25	\$2.25
Adams' Extra Early..	15	25	90	1.50
Peep o'Day.....	20	35	1.25	2.25
Egyptian.....	20	35	1.25	2.25
Potter's Excelsior, or Squantum.....	20	35	1.25	2.25
Mammoth Late.....	20	35	1.25	2.25
Black Mexican.....	20	35	1.25	2.25

CORN, Sweet or Sugar Continued.

SWEET CORN BY PARCEL POST.

The prices given in this catalogue for Sweet Corn of all kinds are for same to be sent by express or freight, at purchaser's expense. If pints or quarts are wanted sent by parcel post, remit extra as follows:

To points East of the Mississippi River, 6 cts. pt., 8 cts. qt.
To points West of the Mississippi River, 10 cts. pt., 18 cts. qt.

Packets of all varieties Sweet Corn, 10 cts. each, postpaid.

Stabler's Early. (See cut.) Of larger size than usual for the early kinds, and a most delicious flavor. The grains are broad and very tender. This is a fine variety for the home garden. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Stowell's Evergreen, Improved. Productive, very tender, sugary, and remains in good condition, suitable for cooking, for a long time. The best late variety. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Zig-Zag Evergreen. A very sweet Corn, ripening 8 days ahead of Stowell's Evergreen, and in quality fully its equal. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Country Gentleman. For many years this variety has been a favorite for main crop. It ripens about the same time as Stowell's Evergreen and produces ears of medium size with deep grains in irregular rows on the cob and deliciously sweet, tender and milky. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

POP-CORN. On the ear only.

White Rice. Lb., 25 cts., by mail.....	} 10 lbs., \$1.00 by ex- press or freight, at purchaser's expense.
White Pearl. Lb., 25 cts., by mail.....	
Queen's Golden. Lb., 25 cts., by mail.....	

SWEET FODDER CORN. Write for price.

FIELD CORN. The leading varieties. See pages 46 and 47.

COLLARDS.

Blaetterkohl, GER. *Chow Caba*, FR. *Cabu*, SP.

Culture. Sow seeds the same as for late cabbage plants. The crop of greens may be grown directly in the seed rows, or the plants may be transplanted and set a foot apart in the rows. Best after being touched by frost. **One ounce will produce about 3,000 plants.**

Creole, or Southern. Cabbage greens, used as a substitute for cabbage. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

CORN SALAD (Fetticus).

Stecksalat, GER. *Mache*, FR. *Mache o Valerianilla*, SP.

Culture. Sow in spring in drills 1 foot apart; it will mature in six or eight weeks. For winter and early spring use, sow in drills in August and September. **Three ounces to 100 feet of drill.**

Large Seeded. Grows very quickly and makes a good substitute for spinach. It may be sown either in early spring, or in August and September. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

CRESS.

Brunnenkresse, GER. *Cresson*, FR. *Berro o Mastourzo*, SP.

Culture. Easily grown during winter on the greenhouse bench, in frames, pots or boxes, and splendid for salads, garnishing, or as an addition to winter lettuce. Sow seed very thickly in rows 3 to 6 inches apart under glass, or for summer 1 foot apart in open ground. Sow often for succession, as it soon runs to seed. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it. **Extra Curled, or Peppergrass.** Has pungent taste, used for garnishing.

Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Upland Cress. Has the flavor of Water Cress. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 85 cts.

Water Cress. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.





EGG-PLANT

Eierpflanze, GER. *Aubergine*, FR. *Berengena*, SP.

One ounce will produce 1,000 to 2,000 plants

CULTURE.—Sow the seeds in hotbeds early in March. When 3 inches high pot the young plants, using small pots, and plunge them in the same bed, so that the plants may become stocky. They can be planted out from the pots when the season becomes sufficiently warm, in May or June. Egg-plant seed requires a higher temperature for germination than other garden vegetables, and this temperature should be maintained right along in order to maintain strong and healthy growth. The soil can hardly be made too rich. After settled warm weather has set in, set the plants in open ground, allowing 3 feet space between the rows, and 2 feet space between the plants in the row. Watch for the potato beetle. This pest, as well as blight, may be controlled by spraying with Bordeaux Arsenate of Lead Mixture.

Early Black Beauty. (See cut.) Spineless and rich purplish-black skin; very attractive and of best quality. This beautiful Egg-Plant is a great improvement over the well-known and largely grown New York Improved Large Purple. The plants are remarkably healthy in their growth, and produce an abundance of large fruit fully ten days earlier than the New York Improved. Pkt., 10 cts.; $\frac{1}{2}$ oz., 35 cts.; oz., 60 cts.; $\frac{1}{4}$ lb., \$1.75.

New York Improved Large Purple. This variety is largely grown and produces the Egg-Plants in great quantities, as the plants bear from 6 to 8 plants each. They are large, nearly round, dark purple, free of thorns and of excellent quality. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.50.

Early Long Purple. Earliest and hardiest; very productive. Fruit long and of good quality, 6 to 10 inches long. Pkt., 5 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.00.

Black Pekin. Fruit purplish-black, round, large, solid, smooth and glossy; very prolific and early and of fine flavor. Pkt., 5 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.00.

EGG-PLANT PLANTS (See page 264).

FINOCCHIO, or FLORENCE.

FENNEL (See Specialties, page 7).

GARLIC (See page 32).

HOP VINE ROOTS (See page 264).

HORSERADISH (See page 264).

Endivie, GER. **ENDIVE** *Chicoree*, FR.

Endibia o Escarola, SP.

One ounce of Seed to 300 feet of row.

Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use or for late use in June and July. When 2 or 3 inches high transplant into good ground or thin out to 1 foot apart. When nearly full grown and before they are fit for the table they must be bleached. This is done by gathering the leaves together and tying with yarn or bass to exclude the light and air from the inner leaves, which must be done when quite dry, or they will rot. Another method is to cover the plants with boards or slats. In three or four weeks they will be bleached.

Dreer's Giant Fringed. (See cut.) A strong-growing variety with large white heart and broad stems; good for fall and winter. On account of the beautifully curved leaves is fine for decorative purposes. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Green Curled Winter. Standard sort for fall and winter crop; when tied up this variety blanches splendidly. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

White Curled (Self-blanching). Leaves pale green, grows to a large size, always crisp and very tender. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Broad-leaved Batavian (Escarolle). Leaves broad, light green, nearly plain; used in stews and soups. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

French Endive. See Witloof Chicory, page 5.

Lewenzahn, GER. **DANDELION.** *Pissenlit*, FR.

Amargon, SP.

One ounce to 100 feet of row.

CULTURE.—Plants usually come up small and feeble. Sow seed in good, clean loam, in drills 1 foot apart, and thin or transplant to 10 or 12 inches apart in the rows. May be blanched by covering with leaves or other loose litter, or by placing a large inverted flowerpot over each plant.

Broad-leaved. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

Improved Thick-leaved. An improved variety. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.



KALE, or BORECOLE

*Gruener oder Blätterkohl, GER.**Chou Vert, FR.**Breton, SP.*

One ounce of seed will produce about 5,000 plants.

Culture. The Kales are more hardy than Cabbage, make excellent greens for winter and spring use, and are improved by frost. Sow from May to June, and cultivate the same as Cabbage. For early spring use sow in September, and protect during winter. Some of the varieties are so hardy that the green leaves may be dug out from under the snow in winter and used for greens.

Dreer's Imperial Long Standing Kale. Leaves are of spreading habit, very large, beautifully curled and crimped and of a bright green color. Very hardy and will furnish an abundance of greens during fall and winter. Pkt. 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Dwarf Green Curled German. Very hardy, leaves yellowish-green, compact and beautifully curled. Leaves are long, deeply cut, and quite ornamental. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Dwarf Curled Scotch. Leaves bright green, curled, very tender and fine flavored. It is largely grown in the Southern States, also very hardy in the north, and the quality and flavor are excellent. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Sea Kale. When blanched, the leaf stalks are cooked and served like asparagus, or the leaves may be used as greens. Sea Kale may be blanched by placing a flower-pot over the crown of plant, first closing the hole at bottom in order to exclude the light. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

KOHL-RABI

(Turnip-rooted Cabbage.)

*Kohl-Rabi, GER.**Chou Rave, FR.**Colde Nabo o Nabicol, SP.*

One ounce of seed will sow a drill of about 300 feet.

Culture. The edible part is the bulb, which grows on a stalk a few inches above ground. Sow seed in drills, allowing 16 or 18 inches' space between the drills, and thin to 4 or 6 inches apart in the row. First sowing may be made as soon as ground can be worked in spring and successive ones repeatedly later.

Earliest Erfurt Kohl-Rabi. A white, tender variety, with smooth root and very short top; the best variety for outdoor culture. A fine variety and of excellent flavor. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Early White or Green Vienna Kohl-Rabi. Flesh white and tender; a standard sort for market and table use. Good for forcing. This variety has a very short top and forms the ball quickly, thus making it particularly desirable on account of earliness. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Early Purple Vienna Kohl-Rabi. A small, but early variety, used for forcing or early planting in the garden. Skin purple, but flesh white and of good flavor. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Lauch, GER.

LEEK

*Poireau, FR.**Puerro, SP.*

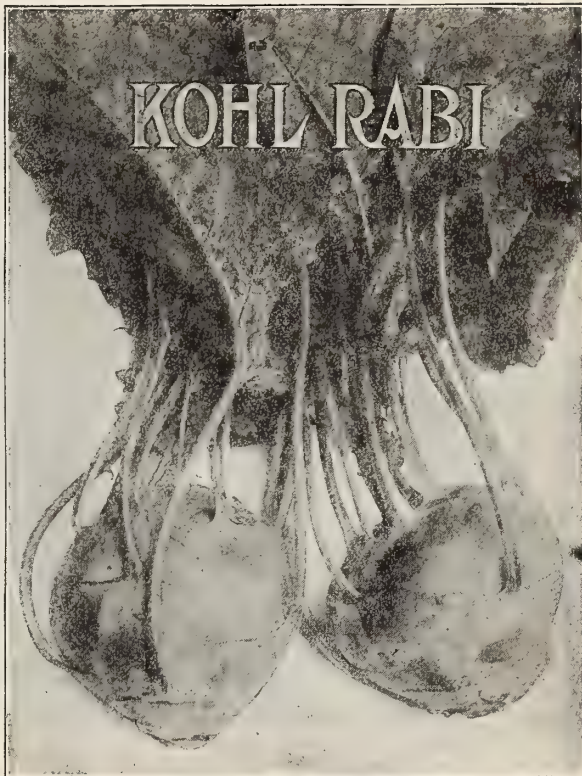
Culture. Sow early in April in drills 1 foot apart and 1 inch deep. When plants are 6 to 8 inches high, transplant in a deep, rich soil, in rows 12 inches apart and 6 inches in the rows as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September and the plants transplanted in the spring.

Dreer's Prizetaker Leek. An excellent large variety of Leek, which is very mild and tender. The Leeks grow very long and thick, and pure white in color. On account of its size and attractive appearance, this variety is an ideal one for growing to show at exhibitions in the fall. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Giant Carentan. Produces a large, thick stem and of mild flavor. An attractive variety for market and very hardy. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.

Musselburg. An improved variety of Leek which grows to a very large size, with broad leaves, spreading like a fan. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.

London, or American Flag. A popular sort, hardy and good quality. Grows quickly and ready at an early season. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.



HERB SEEDS.

CULTURE. Sow early in spring in shallow drills, 1 foot apart; when up a few inches thin out or transplant. They should be cut on a dry day just before they come into full blossom, tied in bunches and hung up or spread thinly on a floor to dry. Those marked with a * are perennial.

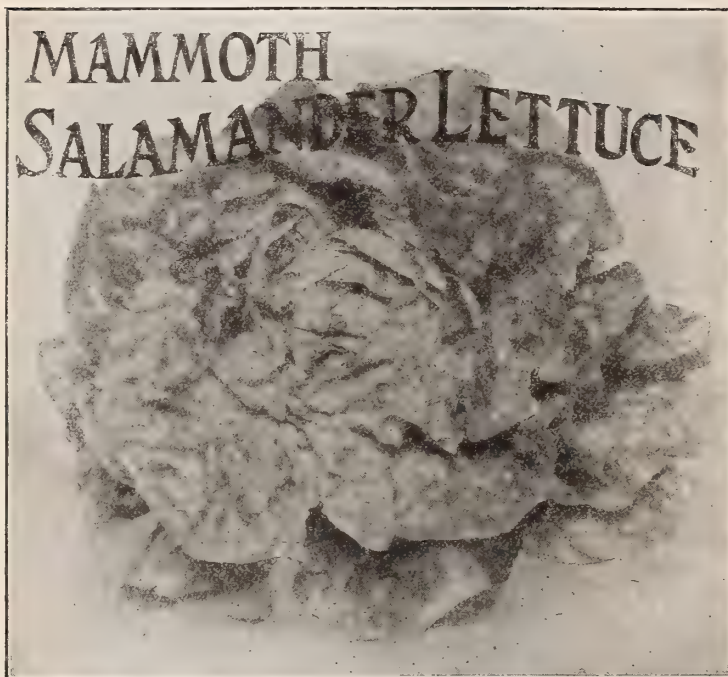
	PKT.	Oz.	$\frac{1}{4}$ LB.
Anise. For flavoring.....	\$0.05	\$0.10	\$0.30
*Balm. For tea or wine.....	.05	.20	.60
Basil, Sweet. Used in soups.....	.05	.15	.40
Bene. Used medicinally.....	.05	.10	.30
Borage. Excellent for bees.....	.05	.15	.40
Caraway. Used in bread, etc.....	.05	.10	.25
*Catnip. Relished by cats.....	.10	.30	1.00
Chamomile. Used medicinally....	.10	.30	1.00
Coriander. Very aromatic.....	.05	.10	.25
Cumin. For flavoring pastry.....	.05	.10	.30
Dill. For Dill Pickles.....	.05	.15	.40
*Fennel, Sweet. For sauces.....	.05	.10	.25
*Horehound. For coughs.....	.05	.25	.75
*Lavender. For perfume.....	.05	.20	.60
*Pennyroyal. Used for medicine...	.10	.85	3.00
*Peppermint. For flavoring.....	.25		
*Rosemary. For seasoning.....	.05	.40	1.25
*Rue. Used for seasoning.....	.05	.30	1.00
Saffron. For flavoring and coloring..	.05	.15	.40
*Sage. For seasoning fowls, etc....	.05	.20	.50
*Savory, Summer. For flavoring...	.05	.25	.75
*Savory, Winter. For flavoring...	.05	.40	1.25
*Sweet Majorum. For flavoring...	.05	.20	.60
*Tansy. For medicinal purposes....	.10	.30	1.00
Tarragon. (Plants only, see page 264)			
*Thyme, Broad-leaved English...	.10	.40	1.25
Thyme, French Summer.....	.10	.45	1.50
*Wormwood. Used medicinally....	.05	.25	.75

One ounce will produce about 3000 plants.

LETTUCE

*Lattich, oder Garten Salad, GER.
Laitue, FR. Lechuga, SP.*

CULTURE.—Sow the seed in hot beds or flats during February or early March, prick the young Seedlings out in flats or cold frame several inches apart each way, and, as soon as a nice rich, warm spot can be prepared in open ground in spring, transplant the well-hardened plants in rows a foot apart, allowing 8 to 12 inches space between the plants in the row. For succession sow seed thinly in open ground, and thin the plants to 5 or more inches apart. Sow for succession every few weeks until the fall. Some varieties do well in a cool forcing house during winter.



Wonderful. The heads grow to an enormous size, and resemble cabbage in their solidity, measuring from 12 to 15 inches across, and frequently weighing 2 and 3 pounds each. The quality is superb, being crisp, rich and tender. It withstands the heat well, making a fine variety for all seasons. Especially useful for growing in the South. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Sensation. This variety is remarkable for its character of forming close, hard heads, even in an early stage of growth. Color yellowish-green; quality very fine, being crisp and tender. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Dreer's Improved Hanson. This superior Lettuce, which we introduced over forty years ago, is one of the best summer heat-resisting sort. Heads grow to good size, are sweet, tender and crisp. A reliable sort for outdoor culture. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Improved Deacon. A good summer cabbage sort; very crisp, large and light in color. Largely used for growing in cold frames during winter and spring, and a good sort to grow for market. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

COS LETTUCE; OR, ROMAINE SALAD.

These are distinct from the ordinary Lettuce, and much liked on account of their crisp, tender quality and delicate flavor.

Dreer's "All-Heart." (See Colored Plate and page 8.) Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.

French Unrivalled. (See Specialties, page 7.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

May King. (See Specialties, page 7.) Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Grand Rapids Forcing. (See cut.) Matures quickly, large size, and handsome appearance; crisp and tender. Forms a loose cluster of leaves which are bright green and crimped at the edge. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Boston Market. Hardy and crisp; a good forcing variety. Heads are medium size and leaves dull green in color and excellent flavor. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Big Boston. Resembles Boston Market, but nearly twice as large; desirable for forcing and spring and fall outdoor planting. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Early Dutch Butter, Spotted. Fine large heads of excellent quality. One of the best forcing and market sorts. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Golden Queen. Very early, small yellow heads. Used for forcing. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.

Mammoth Salamander. (See cut.) A rich, buttery Cabbage-heading variety which grows double the size of Salamander. Color light green and quality good; an excellent intermediate variety. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Mignonette. Heads small, compact; leaves slightly curled; edges tinted brown. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

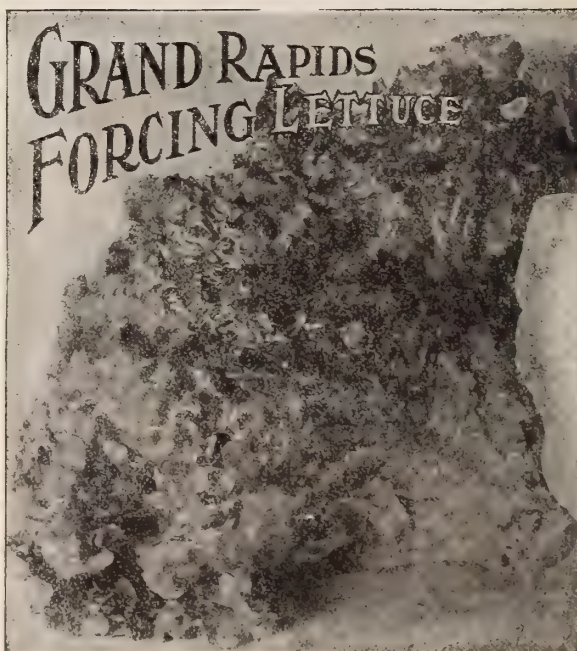
California Cream Butter. Produces a large white head; stands heat. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

	PKT.	OZ.	$\frac{1}{4}$ LB.
Hittinger's Belmont Forcing.....	10	25	75
Early Curled Simpson.....	5	20	50
Black-seeded Simpson.....	5	20	50
Early White Cabbage.....	5	20	50
Black-seeded Tennisball.....	5	20	50

Trion Self-folding Cos. (See Specialties, page 9.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Kingsholm Cos. Forms long, upright heads of narrow leaves, which are crisp and refreshing, withstanding the summer heat. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Paris White Cos. Type of Kingsholm; light color; very tender. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.



Melone, GER.

MUSKMELONS

Melon Muscade, FR.
Melon Almizcleon, SP.

One ounce will plant about 50 hills; 2 to 3 lbs. in hills per acre.

CULTURE.—Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, hills 5 to 6 feet apart each way for Muskmelons, 8 to 10 feet for Watermelons. Previous to sowing the seed mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds; after all danger of bugs is over, thin out to three or four plants per hill. A few hills for early use may be had by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground. Melon vines are subject to the same destructive insect and fungous foes as are cucumber and squash vines. Early and repeated spraying with Bordeaux Arsenate of Lead Mixture is always advisable for these crops.

Honey Dew Melon. (See Specialties, page 7.) Pkt., 15 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

Bush Muskmelon. (See Specialties, page 7.) Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Delicious Gold Lined. (See cut.) Growers of muskmelons, both for home use and for market, will be delighted with "Delicious Gold Lined." The melons are same size as "Rockyford," but specimens run more uniform as to size and shape, which is nearly round, and the skin is covered with a thick grayish netting, adding much to the appearance of the melon. The flesh is green, with slight golden tint next to the seed cavity, and the flavor is delicious, being remarkably sweet and juicy. Vines are productive, and melons mature early, making it desirable both for the home garden and for shipping. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Rocky Ford Improved. This Melon is of the Netted Gem type, oval in shape and beautifully netted. It has been improved at Rocky Ford, Colorado, a section noted for fine Muskmelons. The Melons average about five inches in length, and have a delicious flavor; flesh is smooth-grained and light green colored. A very popular variety, and the melons are found on the tables of all leading hotels and restaurants during their season. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Netted Rock. About the same size as "Rocky Ford," but more heavily netted. The seed cavity is small, and flesh, which is green, thick and sweet, containing a high percentage of sugar. An important feature of this melon is its ability to withstand rust and blight, as it is nearly proof against either. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Netted Gem. One of the earliest small Melons. Globular shape, uniform in size; flesh light green, tinged with yellow, and of very fine flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Jenny Lind. The earliest variety; small size and good flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Extra Early Hackensack. Earlier than Hackensack, but same shape and color of the flesh, which is light green, very thick, sweet and juicy. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Montreal Market. Largest of the nutmeg varieties; flesh green. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Cassabah. A large, oblong Melon; green flesh and delicious quality. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.25.

Burrell's Gem. Skin is rather dark green and rind thin, leaving a thick lining of salmon flesh, which is of most delicious, juicy flavor, and fairly melts in the mouth. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Fordhook. An extra early salmon-fleshed variety which is very attractive in appearance and of delicious flavor. Medium size, heavily netted and thick, juicy flesh. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Emerald Gem. A small, very early Melon; flesh salmon-colored and flavor is exceptionally fine. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Tip Top. Medium-sized, nearly round, with shallow netting on skin. Flesh is deep yellow and has a rich flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Miller's Cream, or Osage. The fruits are large and round, with light green, netted skin, and thick, sweet, salmon-colored flesh. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.



Hoodoo. A delicious Melon, which grows to a convenient size. Flesh thick and firm; deep salmon or orange color. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Defender. Medium size, salmon flesh and delicious flavor; oval shape, slightly ribbed and covered with a slight netting. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Mango, or Vegetable Orange. Grows to the size and shape of an orange and is used for preserving. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

IMPORTED MUSKMELONS FOR FORCING.

Blenheim Orange. A favorite variety; scarlet flesh good flavor and very prolific. Pkt., 25 cts.

Windsor Castle. Green flesh, oval shape, finely netted, delicious flavor. Pkt., 25 cts.

MARTYNIA. Genschorn, GER.

Culture.—The seedpods are used for pickling when gathered young and tender. Sown in the open ground in May, in hills 3 feet apart each way, or in a hotbed, and afterwards transplanted. If once planted in the garden voluntary plants are likely to spring up the following year from scattered seeds.

Martynia Proboscidea. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

Senf, GER. **MUSTARD.** Moutarde, FR.
Mostazo, SP.

One ounce will sow 100 feet of drill.

Culture. A small, pungent salad used like cress; the seed is also used for flavoring pickles, pepper sauce, etc. For salads sow thickly in shallow drills, 6 inches apart, or in frames or boxes during the winter, where frost can be partially excluded. Successive sowings can be made every week or two. To grow seed, sow in April, in rows 1 foot apart, and thin out to 3 inches apart when 2 inches high.

White London. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

Chinese. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.



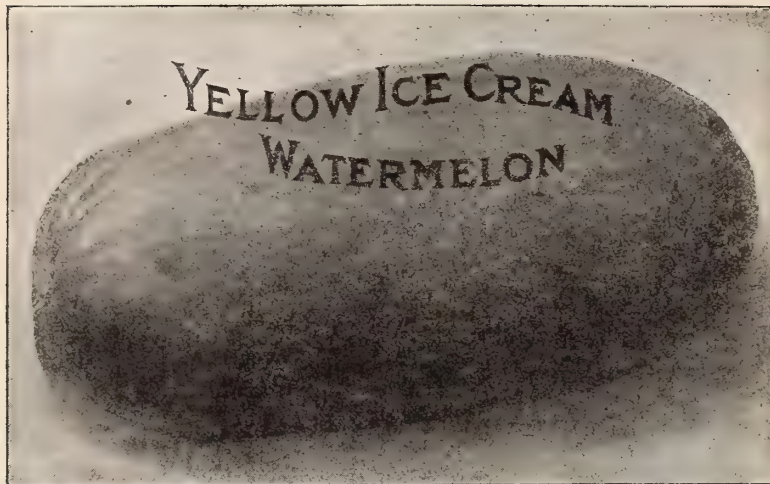
Wasser Melone, GER.

WATERMELONS

Melon d'eau, FR. Zandia, SP.

One ounce for thirty hills; four to five pounds for an acre.

CULTURE. See directions given under Muskmelons. Watermelons, however, are slightly less subject to "bug" depredation and disease attacks than Muskmelons. At the same time they are more easily hurt by strong spray mixtures, and caution in the use of such mixtures is advisable.



Yellow Ice Cream. (See cut.) This unique Watermelon is aptly described in a letter received from Mr. E. Stanley Brown, Horticulturist, East Moriches, N. Y., in which he writes: "After repeated trials, covering four years, I have no hesitancy in stating that Yellow Ice Cream is the 'par excellence' of all Watermelons. The vines are strong, inclined to overbear, and whether fully grown or undeveloped, there seems to be no difference in their high quality of melons, being sweet and crisp. The flesh is bright golden-yellow, skin beautiful green and shape elongated. Our household preferred it to any of several other varieties grown, and found that by laying them on the barn floor, away from the chilly blasts, they kept well into the winter. If I could have only one variety of Watermelon it would be Yellow Ice Cream." Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Watson. A large oblong Melon, the skin of which is dark green, with thick netting all over, quite distinct from other varieties. The rind is thin, but tough, and the flesh a bright, attractive red color, of a delicious, sweet and satisfying flavor. It is a very good shipping melon. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Harris' Earliest. This excellent Watermelon grows rather large for an early variety, slightly oval in shape, skin mottled light and dark green. It is uniform in size and shape; the flesh is solid, bright red, very tender and sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Cole's Early. A good variety for growing in the Northern States, as it matures early. Large heart, flesh of fine texture and good flavor. Rind thin. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

Alabama Sweet. A large and attractive Melon, oblong in shape, early in maturing, and very sweet. The skin is deep green with dark striping and the rind, while not thick, is tough, making it a good shipper. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

Ice Cream. Skin mottled gray, flesh pink. Very solid and sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

Dark Icing. Very solid, rind thin, and highly prized as a shipper. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

Kolb Gem. Of a delicious, sugary flavor, bright red flesh. It is firm and solid and an excellent keeper. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

Florida Favorite. Of medium size, striped alternately light and dark green, flesh deep red, crisp and sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

Dixie. Across between the Kolb Gem and old-fashioned Mountain Sweet. Flesh bright red and good quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

Monte Cristo, or Kleckley Sweets. Oval shape, skin dark and somewhat mottled. Flesh bright scarlet and very sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Sugar Stick. Oblong shape and fair size. Skin mottled green and white, flesh bright red, heart large and sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Sweet-Heart. Flesh bright red, melting and sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

Cuban Queen. One of the largest varieties, flesh bright red. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

Mammoth Ironclad. Grows to a large size, solid and of most delicious flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

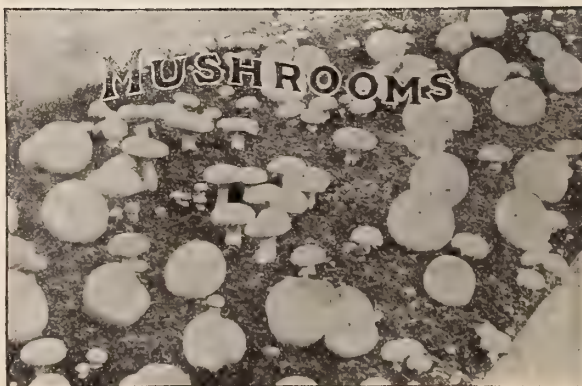
Colorado Preserving Citron. Excellent for making preserves. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

DREER'S RELIABLE MUSHROOM SPAWN

English Milltrack Spawn. A splendid make of English Spawn which gives excellent results, producing large crops. It is made with great care, and is full of live "mycelium." Made in bricks, of about $1\frac{1}{4}$ lbs., and each brick is sufficient for 8 square feet of bed. Per brick, 15 cts. (by mail; 25 cts.); by express, at purchaser's expense, 12 bricks, \$1.75; 25 lbs., \$2.75; 50 lbs., \$5.25; 100 lbs., \$10.00.

Pure Culture Spawn. An American make of spawn, which produces Mushrooms of excellent quality and large size, this being due to the fact that the spawn is obtained by a process of inoculation, only large and vigorous specimens of Mushrooms being used for the purpose. *Direct Bricks*, inoculated direct from pure cultures. Per brick, 30 cts. (by mail, 40 cts.); by express, at purchaser's expense, 5 bricks, \$1.25; 10 bricks, \$2.25; 25 bricks, \$5.50; 50 bricks, \$10.00.

Dreer's Mushroom Circular free on application. Tells how to prepare the Mushroom bed and take care of crop. If interested in growing Mushrooms write for a copy.



DREER'S CHOICE ONION SEED.

Zwiebel, GER.

Oignon, FR.

Cebolla, SP.

One ounce of Onion seed for 200 feet of drill, 4 to 5 pounds for one acre.

CULTURE. For early green or bunching Onions sow seed of Silver Skin or other hardy white varieties in early August in well-prepared and well-drained, rich, loamy soil, giving one foot space between the rows, and using 20 pounds of seed per acre. In many localities they winter well without mulch or other protection. For dry (fall) bulbs, select a clean, rich, well-drained and well-manured piece of land, prepare a perfect seed-bed, and sow seed in early spring in drills 15 inches or so apart, using 4 to 5 pounds of fresh seed per acre. Use wheel-hoe and weeders freely, and thin plants to stand at least 2 inches apart in the rows. Pull when tops begin to die down, cure and sell, or store in a cool, dry place. For sets, select clean, sandy soil of medium fertility, prepare it well in early spring, and at once sow seed in drills a foot apart, using 40 to 60 pounds of seed per acre. Gather the sets when ripe, cure and store in a dry, airy place. They may be wintered in a slightly frozen condition, but must be protected from repeated freezing and thawing. In early spring following plant them in shallow drills 12 inches apart, and about 2 inches apart in the drill.

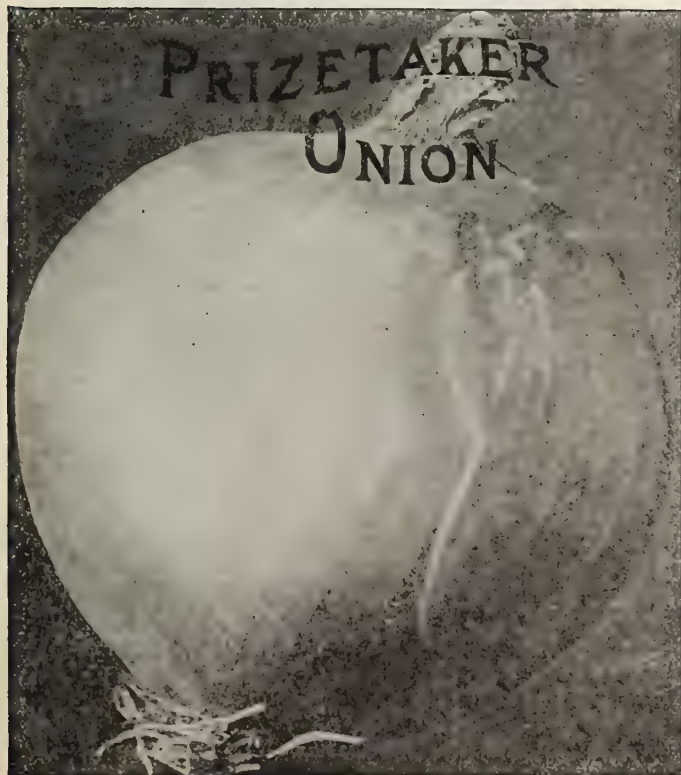
Philadelphia Yellow Dutch, or Strasburg. A valuable variety of Onion which ripens early and makes good-size Onions. A good keeper and well flavored; bright straw-colored skin and somewhat flattened shape, but thick, with a small neck. It is very productive and largely used for growing sets on account of its excellent keeping qualities. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.



Ailsa Craig. (See cut.) A large Onion, which is popular with English gardeners. It resembles the American variety, "Prizetaker," but will grow much larger and more globular in form. The skin is an attractive straw-color, flesh mild, and the Onions keep remarkably well for such large size. It will prove valuable to those who grow Onions for exhibition purposes, as it is the most attractive and showy Onion that can be grown. For producing the largest and best Onions, sow seed in the hotbed early in spring and transplant when of sufficient size. Pkt., 10 cts.; oz., 60 cts.; $\frac{1}{4}$ lb., \$2.00; lb., \$6.00.

Prizetaker. (See cut.) The large size and handsome appearance of this Onion makes it equally desirable for the home garden or for market. It is strictly "fancy," and is found on fruit stands during the fall, where it is sold as Spanish Onion. The true Prizetaker Onion is globe-shape, has pale yellow skin and white flesh, which is very mild and of delicate flavor. No sets are required, as the large Onions are grown the first year from seed sown during the spring. This is a good variety of Onion for sowing under glass in February for transplanting. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Southport Yellow Globe. A very large, handsome, globular-shaped yellow variety, very productive, of mild flavor. The outer skin is pale-yellow, and the flesh creamy white. The bulbs are of a beautiful globe shape and grow a little larger than the Southport Red Globe. It is very hardy and an excellent Onion for main crop, as it ripens evenly and is a very good keeper. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.





Extra Early Red. Earlier than the Weathersfield and somewhat smaller, close-grained and a good keeper. The Onions are flat in shape, grow very uniform and are somewhat strong in flavor. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Southport Red Globe. Beautiful globe shape of medium size, a good keeper and of superior quality. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

CHOICE ONION SETS.

Prices subject to market changes.

If by Parcel Post add as follows: To points East of the Mississippi River, 10 cts. quart; West of the Mississippi River, 20 cts. quart. Onion Sets should be planted in rows 12 inches apart, with sets 2 inches apart in the row.

	PER QT.	4 QTS.
White Onion Sets.....	\$0 30	\$1 00
Yellow Onion Sets.....	25	85
Red Onion Sets.....	25	85
White Potato (Multiplier).....	30	1 00
Yellow Potato Onions.....	30	1 00
Shallots.....	30	1 00
Garlic.....	60	2 25

Chives. (See Vegetable Plants, page 264.)

When larger quantities of Onion Sets are desired, write for prices.

OKRA, OR GUMBO.

Essbarer Hibisch, GER. Gombaud, FR. Quimbombo, SP.

Culture. This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor, and are considered nutritious. Sow the seed thickly in rich ground, about the Middle of May, or when the ground has become warm, in drills 3 feet apart, 1 inch deep; thin to 10 inches apart in drills. Culture otherwise much like corn.

Perkins' Long-pod Okra. An exceedingly handsome variety of Okra, which is a great improvement upon other varieties heretofore grown. The pods grow 4 or 5 inches in length and are very tender, long, slim and of a beautiful deep green color. The habit of growth of plant is dwarf, and it is very productive. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

Dreer's Little Gem. The best of the dwarf sorts. It makes a stocky growth of plant and is very productive. The pods are long, slender and of a light green color. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Improved Long Green. (See cut.) An old-time favorite; very productive and bears long pods, which are of good quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

White Creole (White Velvet). Pods free from ridges and very tender. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Yellow Globe Danvers. (See cut.) Onion growers throughout the country prefer this type of Onion to all others, and it is with this in view that the bulbs from which our seed is grown are especially and carefully selected as to shape. It is the best paying Onion that is grown for general crop, and has been the leading variety for years. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

White Portugal, or Silver Skin. This variety is one of the leading white sorts. The bulbs are flat in shape and mature early. Largely used for growing sets and pickling onions. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

Southport White Globe. Pure white color, mild flavor. A good keeper and very productive. It is best to dry these Onions in a shady place. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

White Welsh Onion. Used for early spring green Onions. Seed is sown in Fall, and it is ready for pulling about time sets are planted. It does not make much bottom, as it is distinctly a bunch Onion. Very mild and delicate-flavored. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Mammoth Silver King. A large, flat variety. Specimens have been grown to weigh as high as 4 lbs. Skin white and flesh tender. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

White Queen, or Barletta. A rapid-growing variety of mild flavor; pure white, and as it does not grow to a large size, it is a fine Onion for pickling. Pkt., 5 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

Large Red Wethersfield. Grows to full size the first season from seed. The Onions are large, flat in shape, with skin of a purplish-red color and flesh of a purplish-white color, rather strong flavored and an excellent keeper. A favorite variety in the East, where it is largely grown. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.



Petersilie, GER.

Parsley

*Persil, Fr.
Perejil, Sp.*

One ounce of seed for 150 feet of drill.

Culture. Used for garnishing and seasoning soups, meats, etc. Succeeds best in a mellow, rich soil. Sow thickly early in April in rows 1 foot apart and $\frac{1}{2}$ inch deep; thin out the plants to stand 6 inches apart in the rows. The seed is slow of germination, taking from three to four weeks to make its appearance, and often failing to come up in dry weather. To assist its coming up quicker, soak the seeds a few hours in warm water, or sprout in damp earth, and sow when it swells or bursts.

Dreer's Dwarf Perfection. (See cut.) The growth is regular and compact, color a wonderful bright pea-green. The flavor surpasses all other Parsley. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Dreer's Summer Green. Especially adapted for summer. Finely curled leaves of dark green color. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Dwarf Extra Curled Perpetual. Leaves tender, bright green. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

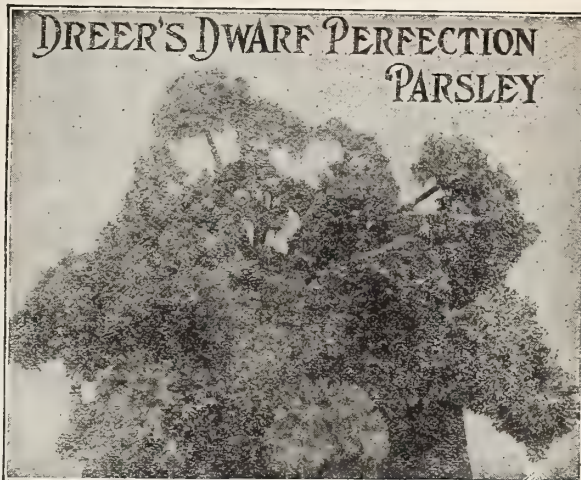
Champion Moss Curled. A distinct variety, beautifully curled. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Half Curled. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Plain. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Fern Leaved. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Turnip-rooted, or Hamburg Parsley. The fleshy root resembles a parsnip, and is used for flavoring soups, stews, etc. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.



*Pastinake, GER.
Panais, Fr.*

PARSNIP

Chirivía, Sp.

One ounce for 200 feet of drill, 5 to 6 lbs. for an acre.

Culture. Sow as early in the spring as the weather will admit in drills 18 inches apart and $\frac{1}{2}$ inch deep, in a rich, deep soil; thin out 3 to 6 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars in the fall for immediate needs.

Large Sugar, or Hollow Crown. The best variety; roots long, very smooth, white, tender and sugary. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Student, or Guernsey. A good half long variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Pfeffer, GER.

PEPPER

*Pimiento, Sp.
Piment, Fr.*

One ounce of seed for 1000 or 1500 plants.

Culture. Sow seed in flats under glass in March; prick out in other flats when 2 or 3 inches high, 2 inches apart each way, and when the weather has become thoroughly settled in spring and danger from belated freezes is over, transplant to open ground in warm, very rich and well-prepared soil, making the rows 2 to 3 feet apart, with plants 15 to 18 inches apart in the rows. The large, sweet sorts have become very popular and are always in large demand.

Pimiento. (See Colored Plate and page 8.) Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

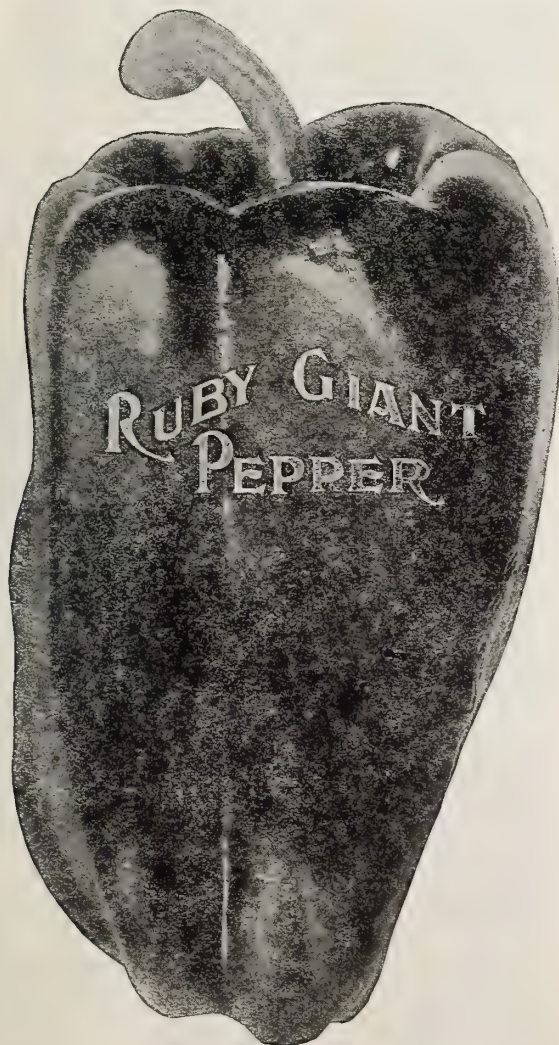
Ruby Giant. (See cut.) A variety of Mango Pepper, which is of a desirable size and shape for stuffing. A cross of Ruby King and Chinese Giant, grows to large size and is very mild. Pkt., 10 cts.; $\frac{1}{2}$ oz., 25 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Chinese Giant. This variety is undoubtedly the largest Sweet Pepper ever offered. The fruits are bright scarlet, flesh is thick, remarkably sweet, without the least trace of fieriness. Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

Giant Crimson. Upright growth, very vigorous and produces fruits nearly as large as "Chinese Giant." Mild and sweet flavor. Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

	PKT.	oz.	$\frac{1}{4}$ LB.
Ruby King.....	\$ 05	\$0 35	\$1 00
Large Bell, or Bullnose.....	05	30	85
Long Sweet Spanish.....	05	30	85
Long Red Cayenne.....	05	30	85
Hot Bell.....	10	40	1 25
Neapolitan.....	10	35	1 00
Small Chili.....	05	30	85
Golden Dawn.....	05	30	85
Red Cherry.....	05	30	85
Celestial.....	05	30	85
Red Japan Cluster.....	05	30	85
Tabasco.....	10	45	
Creole, or Bird's Eye.....	10	45	

PEPPER PLANTS. (See page 264.)



Erbesen, GER.

GARDEN PEAS

Pois, FR.
Chicaros o Ginsantes, Sr.

One quart will plant about 100 feet of drill. One and one-half to two bushels for an acre.

CULTURE.—Peas of extra early, smooth class are the very first thing to be planted in the garden in spring. The wrinkled sorts follow a little later, as they are not quite so hardy. Tall late varieties need brush or other support. By selecting sorts that do not grow much over two feet high, the necessity of providing brush may be avoided. Judicious selection of varieties and planting frequently for succession will give a full supply of the choicest green Peas almost during the entire season, with the possible exception of the hottest part of the summer. Open furrows three or four inches deep and three feet apart; scatter the seed Peas into them and cover with hoe or plow. Cultivate like corn or beans. The late tall sorts may be planted in double rows and brush stuck in between for support. All Garden Peas, however, require good, strong and fertile land. Heavy yields cannot be obtained on poor soil. The very dwarfest sorts of the American Wonder type will succeed only on the very richest garden land, and may be planted in rows a foot apart.

Material for inoculating Peas will be found offered on page 50.

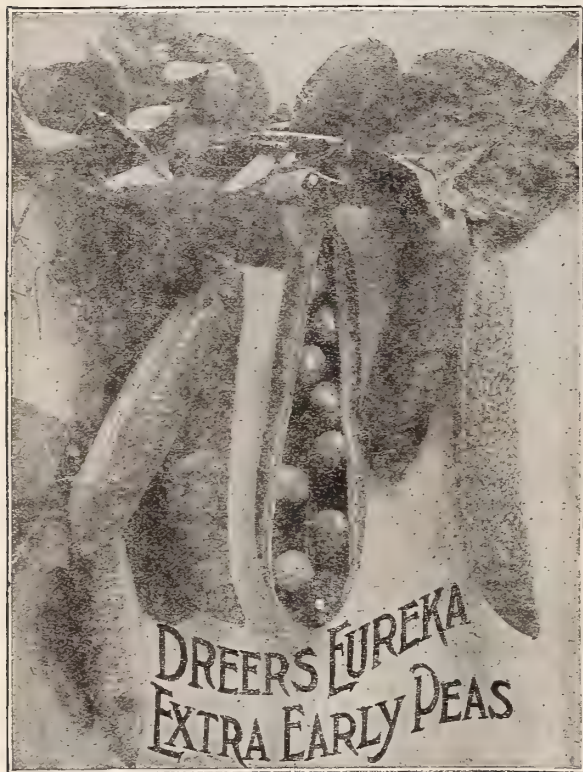
PEAS BY PARCEL POST.

The prices given in this catalogue for Peas of all kinds are for same to be sent by express or freight at purchaser's expense. If pints or quarts are wanted sent by Parcel Post remit extra as follows:—

To points East of Mississippi River, 8 cts. pt.; 12 cts. qt.
To points West of Mississippi River, 15 cts. pt.; 25 cts. qt.

Packets of all varieties of Peas, 10 cts. each.

Laxtonian. (See cut.) This may be classed a Dwarf Gradus, which it resembles, except that it only grows about 18 inches high. Vines make a vigorous growth, which enables them to withstand weather conditions unsuited to some large-podded varieties. The pods are well filled with large Peas, which have an exquisite flavor. By express or freight, at purchaser's expense, pt., 35 cts.; qt., 60 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$2.00; peck, \$3.50.



Market Surprise. (See Specialties, page 8.)

Buttercup. (See Specialties, page 8.)

Little Marvel. (See Specialties, page 9.)

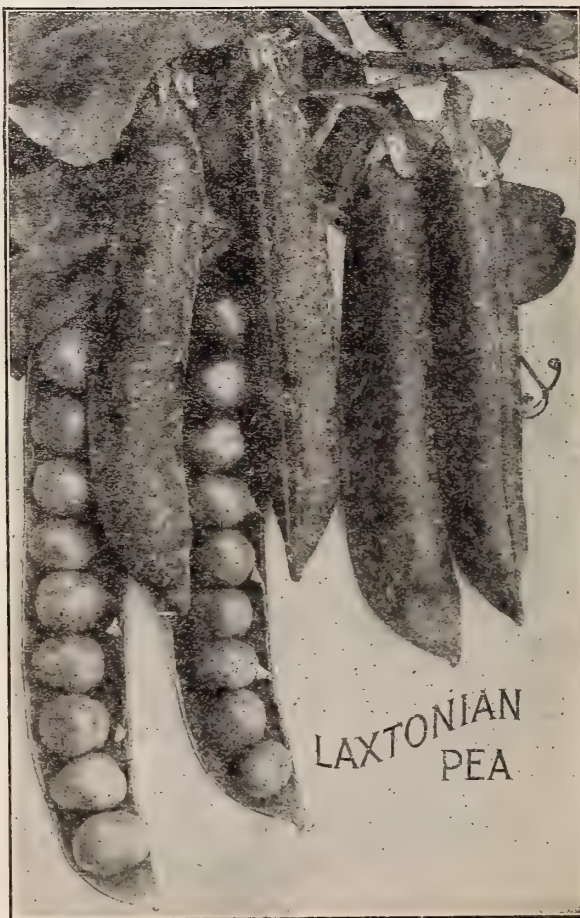
Dreer's Eureka Extra Early. (See cut.) We have been improving this extra early Pea for years, and now have a very choice strain. The vines make a vigorous growth and pods mature evenly and at a very early season; height, 20 inches. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Dreer's Electric Extra Early. This is a variety of the Alaska type, but a great improvement, being much earlier, bearing large pods. The vines grow 2 feet high, and are loaded down with pods. It is the best variety of this type. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Alaska. An extra early round Pea, pods of a dark green, height, 2 feet. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

American Wonder. A very fine, extra early wrinkled variety, well suited for the private garden. It is productive, very sweet, and one of the earliest dwarf wrinkled Peas; height 1 foot. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Nott's Excelsior. An improvement on American Wonder, being fully as early and the pods are decidedly larger, measuring nearly three inches in length. Desirable for market and home use; height 14 inches. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

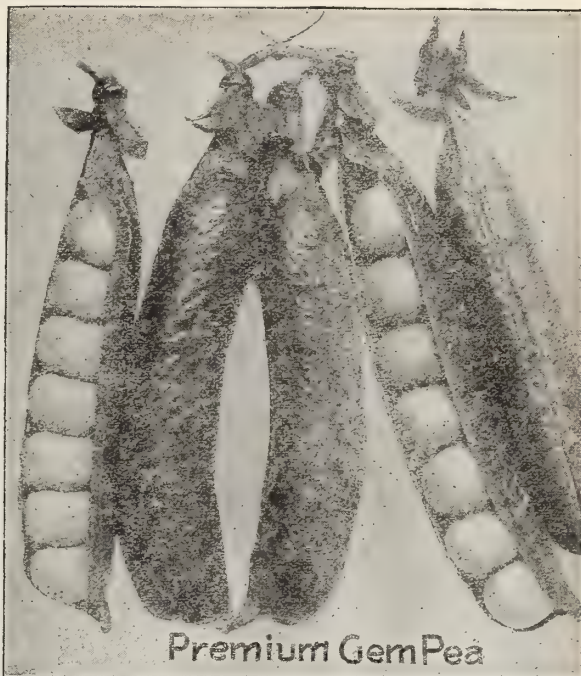


GARDEN PEAS—Continued.

PEAS BY PARCEL POST.

The prices given in this catalogue for Peas of all kinds are for same to be sent by express or freight at purchaser's expense. If pints or quarts are wanted sent by Parcel Post remit extra as follows: To points East of Mississippi River, 8 cts. pt.; 12 cts. qt.; to points West of Mississippi River, 15 cts. pt.; 25 cts. qt.

Packets of all varieties of Peas, 10 cts. each.



Gradus, or Prosperity. (See cut.) This splendid variety combines the finest quality with extreme earliness, and is also very productive. It is hardy and can be planted fully as early as the smooth Peas. Grows vigorous and healthy, vines about 3 feet in height, bearing pods fully as large as Telephone, and which are well filled with beautiful light green Peas, which color they retain after being cooked. The quality and flavor are delicious, and a valuable feature with the "Gradus" is that the Peas remain tender and sweet for a long time after having been picked from the vines. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 50 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.75; peck, \$3.00.

Early Morn. An English variety of the Gradus type, maturing only a few days later. It is hardy and the vines grow 3 feet in height, strong and healthy, bearing the large, handsome pods in great abundance. The Peas are large, closely packed in the pods and are of a very sweet flavor. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 50 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.75; peck, \$3.00.

Thomas Laxton. An early variety of large-podded Pea. The Plant is a very hardy and strong grower, producing extra large size pods in abundance, and the quality is delicious. This variety will mature as early as many of the smooth extra early Peas; height 3 feet. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 50 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.75; peck, \$3.00.

Sutton's Excelsior. This handsome wrinkled Pea is so hardy that it may safely be planted as early as the hard-seeded "Extra Earlies." The plants are dwarf, about 14 inches high, very stout, exceedingly productive and the quality is all that could be desired. The pods are quite large for so dwarf a variety and always well filled. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 50 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.75; peck \$3.00.

Premium Gem, or Little Gem. (See cut.) A fine dwarf wrinkled variety. Vines grow 18 inches high and pods are borne on both sides of stalks, beginning near the ground and producing large crops. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Surprise Pea. This Pea is one of the earliest of the wrinkled sorts. Vines grow about 2 feet high, and are enormously productive. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.



GARDEN PEAS—(Continued).



Well Known and Reliable Varieties of Peas.

Prices for the varieties of Peas offered in the following list are by express or freight, at purchaser's expense. If wanted by Parcel Post add as noted at top of page:

	PINT.	QUART.	4 QUARTS.	PECK.
Champion of England.....	20	35	\$1 25	\$2 25
Pride of the Market.....	20	35	1 25	2 25
Everbearing.....	20	35	1 25	2 25
Fillbasket.....	20	35	1 25	2 25
Heroine.....	20	35	1 25	2 25
Shropshire Hero.....	20	35	1 25	2 25
Yorkshire Hero.....	20	35	1 25	2 25
Long Island Mammoth, or Telegraph.....	20	35	1 25	2 25
Large White Marrowfat... ..	20	35	1 25	2 25
Black-eyed Marrowfat... ..	20	35	1 25	2 25
French Canner (<i>Petit Pois</i>)..	20	35	1 25	2 25
Melting Sugar.....	25	40	1 50	2 50
Giant Sugar.....	25	40	1 50	2 50

FIELD PEAS. (See page 48.)

PEAS BY PARCEL POST.

The prices given in this catalogue for Peas of all kinds are for same to be sent by express or freight, at purchaser's expense. If pints or quarts are wanted sent by Parcel Post, remit extra as follows:

To points East of Mississippi River, 8 cts. pt.; 12 cts. qt.

To points West of Mississippi River, 15 cts. pt.; 25 cts. qt.

Packets of all varieties of Peas, 10 cts. each.

SECOND EARLY AND MEDIUM VARIETIES.

Senator. (See cut.) Peas fit to pick in about sixty-one days, pods about 4 inches long, curved and rich dark-green color, well filled with medium size, green, wrinkled peas, which are very sweet and tender. These are the qualities which recommend this second early Pea to every one who has a garden. The vines grow about 2½ to 3 feet in height, and when given proper support will yield an enormous crop of the extremely large pods. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (If pint or quart is wanted by Parcel Post add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Lincoln. Grows about 1½ feet in height and produces long, curved, deep green pods in pairs, literally covering the plant. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Abundance. Pods contain 6 to 8 large wrinkled Peas, and ripen about one week after the earliest kind; height 1½ feet. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Advancer. Prolific, well filled, long pods, tender and delicious flavor; 2 feet. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

GENERAL LATE CROP.

Telephone. Vines are very strong in growth and average 18 to 20 pods per stalk; the pods are of large size, containing 6 to 7 Peas each, which are of a pale green color, closely packed in the pod, and of a most delicious flavor. Our strain of Telephone is a careful selection, both for productiveness and delicious quality, sure to please the most critical; height 3½ feet. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Potlatch. Vines grow about 20 inches high and produce the large pods in pairs. Matures in about 65 days and quality is excellent. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Dwarf Champion. A dwarf variety, very hardy and of fine quality. Has less vine and produces larger pods than Champion of England; height, 2 feet. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Carter's Daisy, or Dwarf Telephone. This is a dwarf variety, bearing large, handsome pods like Telephone; height, 18 inches. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Improved Stratagem. Pods of immense size, filled with very large dark green Peas of the finest quality. The vines make a sturdy growth, and are well filled with the large, handsome pods; height, 18 inches. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

POTATOES

Culture.—Any good well-drained fibrous loam will produce Potatoes under right climatic conditions. For early Potatoes, which mature in 8 to 10 weeks from planting, the soil must be particularly rich. A rich clover sod, manured and broken the year before and planted to corn, beans, peas, oats, etc., is in best shape for giving a good yield of nice clean Potatoes. Stable manure had better be applied to the land the year before, while some good complete fertilizer, at the rate of up to 1000 pounds per acre if applied broadcast, or 400 to 600 pounds if applied mostly in the rows, may be used directly for the Potato crop. Open furrows 3 feet apart and 3 to 4 inches deep. Apply the fertilizer, and run the furrower or small plow again in the furrow to mix the fertilizer with the soil and leave a mellow seedbed. Then plant good-sized pieces, each containing not less than 2 or 3 eyes, 15 inches apart in the furrows for early Potatoes, and 18 inches apart for late ones. In some of the large Potato sections the Potatoes are always planted in check rows 3 feet apart each way. Cover with coverer, small plow or other suitable tool. Cultivate often. Spray with Bordeaux Arsenate of Lead mixture as a protection from flea beetle, potato beetle and blight. **8 to 10 bushel will plant an acre.**

IMPORTANT.—Potatoes are forwarded by express or freight as directed, purchaser paying charges. We assume no risk on Potatoes, which are forwarded strictly on purchaser's responsibility.

SEED POTATO BUYERS PLEASE NOTE.

At the time of going to press with this Catalogue the Potato market is so unsettled that we are unable to name any prices, but expect to have a supply of the varieties named in time for planting. We therefore request those desiring Seed Potatoes to write for prices on the quantities and varieties wanted and we will give quotations promptly by letter.

Dreer's New Early Standard. (See Cut.) An extremely early variety, which matures fully one week ahead of the Bovee. The tubers are produced abundantly and are of a uniform size. The plants are of dwarf, compact habit, strong and healthy, usually free from blight and disease, and will also withstand drought well. When the tubers are matured, the vines die down and do not make a second growth. It produces a large crop of smooth Potatoes, which are roundish in shape, beautiful white skin, very smooth and few eyes. The quality is superb, flesh being pure white and cooks very mealy.

Bliss' Triumph. Extremely early, round, thin red skin, white flesh; sometimes sold as Bermudas.

Pride of the South, or White Bliss. White skin and flesh, extra early and productive.

Bovee. Earlier than the Early Rose and a much more productive variety. The vine is dwarf and stocky, skin pink or flesh color, presenting a fine appearance and the quality is all that could be desired.

Early Rose. An old favorite which is still very largely planted. The Potatoes are long in shape, good size, cook mealy and are of a very fine flavor. The stock we furnish is northern-grown.

Irish Cobbler. One of the first varieties of Potatoes to be ready for market, and therefore will command a good price. The skin is creamy-white, sometimes netted, which is an indication of good quality; eyes are strong, well developed, and but slightly indented. The flesh is white and of fine flavor.

Beauty of Hebron. This is an old-time favorite which matures early; tubers have red and white skin, grow to a good size and are of excellent quality. It is also a very productive variety and a remarkably good keeper.

Early Ohio. A short, round variety which matures early, and the Potatoes are fit for use before fully ripe. Many growers consider it the most profitable early market variety.

Burbank's Seedling. A white-skinned, medium early variety, with few eyes; flesh fine-grained and good flavor.

White Star. A medium early variety of fine quality and appearance; large, oblong, uniform-sized tubers remarkably productive.

State of Maine. Medium early, splendid flavor, cooks dry, is a good keeper and very productive. This is one of the best for winter use.

Carman No. 1. Intermediate in ripening, and resembles the Rural New Yorker No. 2 in shape, and also in having very few and shallow eyes. The flesh is white and quality perfect.

Carman No. 3. A good late variety and a good yielder; large, oblong, slightly flattened.

Rural New Yorker No. 2. A valuable variety of large size, very smooth and a great cropper; in quality it is unexcelled. It is a fine late variety and a long keeper. We recommend it highly.

Sir Walter Raleigh. A seedling from Rural New Yorker No. 2. The flesh is white and fine-grained.



PUMPKIN

Grosser Kuerbis, GER. Potiron, Fr. Calabaza, SP.

One ounce for 25 hills, 3 pounds for an acre.

Culture. Sow in good soil in May, when the ground has become warm, in hills 10 feet apart each way, or in fields of corn about every fourth hill; plant at the same time with the corn. Pumpkin varieties if planted together will mix. There is not much danger of their mixing or hybridizing with squashes or other vines.

Sugar or New England Pie. For making pies this variety cannot be excelled. The pumpkins are small, but very sweet, fine-grained and of the best quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Winter Luxury Pumpkin. A very good keeper and a splendid pie Pumpkin; shape round, skin finely netted, and beautiful russet-yellow color; flesh thick and of fine flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Mammoth Golden Cashaw. Grows to a large size, with crooked neck, and is an improvement on the old light colored Cashaw, the skin being a golden-orange color. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Quaker Pie Pumpkin. A fine-grained, oval-shaped Pumpkin of rich flavor. Skin and flesh are cream color. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Large Yellow Mammoth Pot Iron (*King of the Mammoths, Jumbo*). Produces the largest Pumpkins. Specimens have been grown weighing over 100 pounds. Skin rich dark yellow, flesh lighter shade, very tender and sweet. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

Large Cheese. A large flat variety. Flesh yellow and sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Tennessee Sweet Potato. Pear-shaped thick white flesh. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Large Yellow Field. For feeding stock. Oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts. By express, 10 lbs., \$5.00.

RADISH

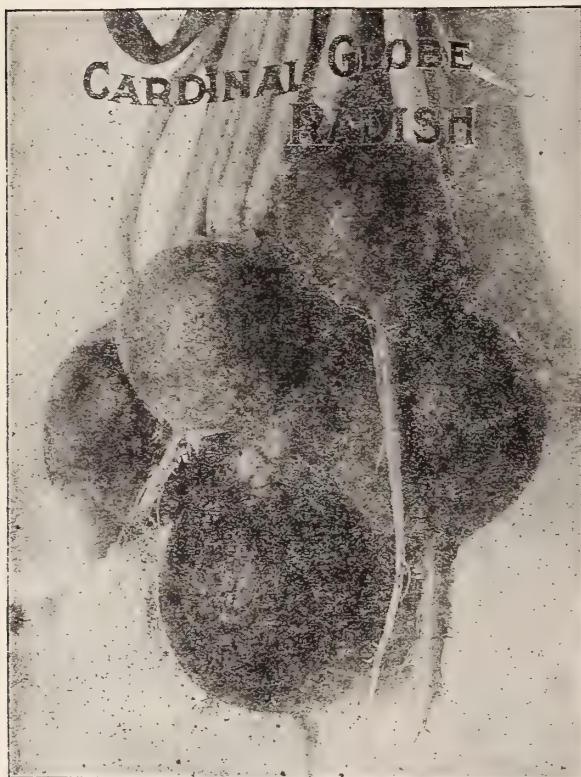
Radischen, GER.

Radis, Rave, Petite Rave, FR.

Rabana, SP.

One ounce of seed will sow 100 feet of drill.

CULTURE.—Sow early and often. In good, warm, fibrous loam, especially if quite sandy, summer Radishes will make a crop in 4 to 6 weeks from sowing. The soil should be well prepared and fertilizers may be used freely. Have the rows a foot apart, and sow just seed enough so that they will not require thinning. Any little spot that becomes available during summer may be utilized for planting Radishes. The short or turnip-rooted sorts are quickest and easiest to grow, and good for forcing also. On greenhouse bench or frames the rows need not be more than 4 inches apart. Sow winter Radishes in July and August. They grow best in the cooler Autumn weather. Take them up before severe freezing and store in sand in the cellar or in a pit, where they will keep tender and crisp all winter.



New Perfection. (See Specialties, page 9.) Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Dreer's Earliest White Globe Forcing. (See Specialties, page 10.) Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Earliest Red May. (See Specialties, page 10.) Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Earliest White May. (See Specialties, page 10.) Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Cardinal Globe. (See cut.) Those who like the crisp little red Radish that comes so early will be pleased with this variety. The Radishes are globular in shape and are of a most brilliant cardinal-red color. It will stand considerable heat; therefore it is a quick forcer and the quality is fine, being crisp and tender. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Crimson Giant. An extra early Radish, good for forcing or outdoor growth. It is nearly round in shape, remarkably solid, crisp and juicy. Can be allowed to grow for a long time before getting hollow. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Dreer's Crimson Ball. A dainty little Radish of mild flavor; skin bright red, flesh tinged with red. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

White-tipped Scarlet Gem. Leaves short and excellent for forcing; color bright scarlet with white tip. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 85 cts.

French Breakfast. Oblong shape, very mild and tender. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 85 cts.

Round Red Forcing. One of the earliest and best of the Turnip varieties for forcing; very short-leaved, small top; color of skin dark red, white fleshed. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 85 cts.

Early Scarlet Turnip. Small top, quick growth, mild and crisp. Largely used for early planting in open ground. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

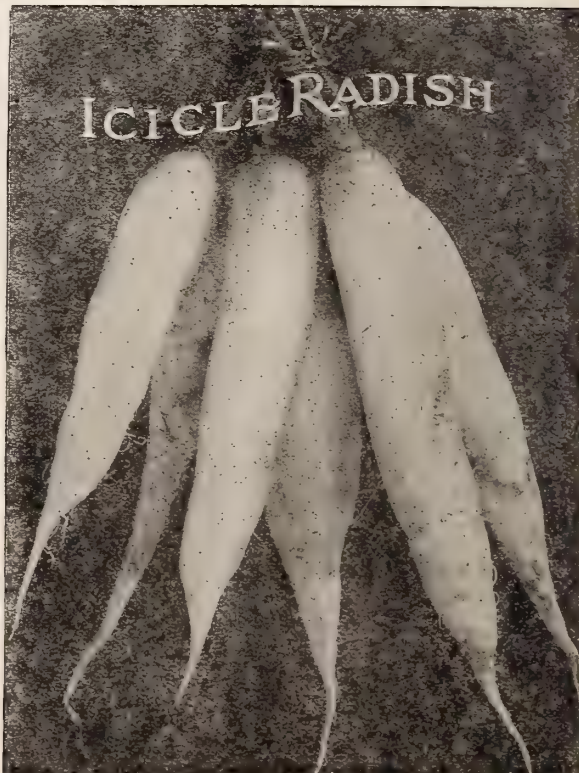
Dreer's Crystal Forcing. Of remarkably quick growth, beautiful shape; small top. A very desirable and shapely Radish, in fact, we consider it superior to any other round white forcing Radish. Compared to such white sorts as White Box, Round White Forcing, etc., it is far superior, both as to quickness of growth and fine quality. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Philadelphia White Box. A good turnip-shaped variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 85 cts.

Cincinnati Market. An extra early variety of the Long Scarlet type; of a clear bright red color and grows to large size. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 85 cts.

Long Scarlet Short Top. Long, bright scarlet, with small top. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Icicle Radish. (See cut.) A long Radish, transparent white, small top, allowing close planting, and are very crisp and brittle. The Radishes remain in good condition for a long time while growing, allowing continuous use from one planting. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.



RADISH—Continued.

SUMMER RADISHES.

Dreer's White Delicacy. An attractive long white variety, which is a great improvement on the White Strasburg, being earlier, more evenly shaped and smaller top. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

White Strasburg. Roots oblong; pure white; mild flavor. Can be used while quite small, and is an excellent sort for growing during the summer season. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Beckert's Chartier. Long crimson, shaded white. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Long White Vienna (Lady Finger.) Skin and flesh are pure snow-white; crisp and of rapid growth. Pt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

WINTER RADISHES.

White Chinese, or Celestial. (See cut.) One of the best winter Radishes; stump-rooted, and even when extremely large the Radishes are solid, crisp and of a mild flavor; skin pure white and Radishes may be used at all stages of growth. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Scarlet China. Very popular and largely grown for winter use. Bright rose color. Flesh, white, crisp and pungent. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Round Black Spanish. Excellent for winter use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Long Black Spanish. Long in shape, of good flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Long White Spanish. Good flavor and keeps well. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.



RHUBARB.

Rhabarber, GER. *Rhubarbe*, FR. *Ruibarbo*, SP.

One ounce of seed to 125 feet of drill.

Culture.—Good plants are easily grown in any good garden soil. Sow seed thinly in shallow drills a foot apart, thin to 4 or 5 inches. Keep soil loose and free from weeds. The plants are liable to vary considerably. Pick out the strongest and best. In fall or spring following, transplant to the permanent bed, 4 feet apart each way, in deep, warm and very rich soil. The more manure the better stalks. For winter forcing take up two-year roots in fall, leave out to freeze, then bed close-together on cellar bottom or under greenhouse bench in the dark.

Linnaeus. Early, large, tender and very fair. Pt., 5 cts., oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

Victoria. Very large, the finest cooking variety. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

(For Rhubarb Roots see page 264.)

Hafer-Wurzel,
GER.

SALSIFY *Salsifis*, FR.
Ostion Vegetal, SP.

or VEGETABLE OYSTER

One ounce for 50 feet of drill.

Culture.—Used the same as carrots, or, after having been boiled, made into cakes and fried like oysters, which they resemble in flavor. Cultivate the same as carrots or parsnips; it is hardy; can remain in the ground all winter for early spring use, but should be taken up before it starts growing; take up a supply for use during the winter. Succeed best in a light, well-enriched mellow soil. Sow early in the spring in drills 15 inches apart, 1 inch deep; thin to 6 inches in rows.

Mammoth Sandwich Island. (See cut.) This variety of Salsify grows to a very large size and resembles a good-sized Parsnip. It is very mild and delicately flavored, and very popular. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Long White. A favorite market variety and fine flavored. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Long Black, or Scorzonera. Resembles above, but black. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

SORREL.

Sauerampfer, GER. *Oseille*, FR. *Acedera*, SP.

Culture.—Used for soups and salads on account of its pleasant acid flavor. Sow seed in any good garden soil, in shallow drills a foot apart. Thin plants to a few inches apart and remove seed stalks as soon as they appear.

Large-leaved Garden. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 65 cts.



*Spinat, GER.***SPINACH***Espinard, FR.
Espinaca, SP.***One ounce for 100 feet of drill; 10 to 12 lbs. in drills for an acre.**

Culture.—Spinach is an important market gardener's crop, of easy culture. For spring and summer use sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use, sow in September in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich. The stronger the ground the more delicate and succulent will be the leaves. The New Zealand Spinach, which requires more room, as it makes a large and spreading plant, may be started from seed early in the spring to give greens during the heat of summer. Light applications of nitrate of soda have often a magic effect on Spinach. Spinach is sometimes forced by sowing in early September in frames, over which sash is placed during February and March, and further protected by mats during severe freezing weather.



Dreer's Rounded-seeded Savoy Spinach. (See cut.) This is the hardiest large Savoy-leaved; curled and crimped, with thick fleshy leaves; excellent for family use, and best of all for fall sowing. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.; 10 lbs., by express, \$6.50.

Long Season Spinach. Sowings can be made in early spring and followed monthly with further sowings, and the crop will be continuous throughout the entire summer, hence its appropriate name, "Long Season." The leaves are a rich dark green color, very thick, crimped and of splendid quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 90 cts.; 10 lbs., by express, \$8.00.

Victoria. Remarkably fine texture and of the deepest green color, heavily crimped, thick, fleshy leaves, deep red stem. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.; 10 lbs., by express, \$6.50.

Long = standing Round = seeded. A large, crimped, thick, fleshy, Savoy-leaved variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Prickly-seeded. The hardiest variety; bears medium size leaves. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

New Zealand. This endures heat and is best for summer. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

SWISS CHARD, or SPINACH BEET. (See pages 4 and 17.)

*Speisse Kuerbis, GER.***SQUASH***Courge, FR.**Calabaza, SP.***One ounce of seed for 25 hills, 3 to 4 pounds for an acre.**

Culture.—All Squashes do best in warm and very rich soil. Plant in well manured hills, same as Melons or Cucumbers, the bush varieties 4 feet apart each way, the winter sorts 10 to 12 feet each way. Use seed freely, 8 to 12 seeds to the hill, to provide for losses by insects. When danger of such loss is past, thin to 2 or 4 plants to the hill. To repel the squash vine borer, throw a handful of tobacco dust close around the plants. The large, strong-smelling black squash bug can be kept in check by hand-picking, going over the vines at frequent intervals. For yellow-striped beetle and blight, spray early and repeatedly with Bordeaux Arsenate of Lead Mixture. Winter Squashes may also be grown in cornfields in same manner as pumpkins.

Delicious. (See Specialties, page 10.) Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Extra Early Jersey White Bush. An improved strain of the old White Bush Squash, the result of selections which have been made by a prominent market gardener. It grows in the bush form and is enormously productive. The Squashes mature fully ten days earlier than the old sort, are of good size, and show less ridge than the ordinary White Bush Squash. The flavor is delicious. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Golden Custard Bush. Similar in shape to the White Bush variety, but skin is a rich golden-yellow and flesh pale yellow. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Giant Summer Crook-neck. Much larger than the original Summer Crook-neck and more desirable, being fully as early and of more vigorous growth. The flesh is thick, yellow, and of splendid quality. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Warted Hubbard. A Hubbard Squash with watered skin. The vines grow strong and produce a large number of Squashes, which are of good size and keep well. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Hubbard. A reliable old-time variety of Winter Squash. Large size, flesh bright orange color, fine grained, dry and has a good flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Golden Hubbard. Shape same as old-fashioned Hubbard, but skin is rich orange color. The flesh is deep golden-yellow. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Boston Marrow. A good keeper, of excellent flavor; flesh orange-colored and fine-grained; oval form and a popular sort. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Flammoth Chili. Rich orange-yellow; flesh thick and of good quality for making pies; also a good sort for feeding stock. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

VEGETABLE MARROWS.

Long Cream. (See Specialties, page 10.) Pkt., 15 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

English Marrow. A bush variety; fruits shorter than Long Cream. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Long Green. Long and rather slim, with striped green skin; a vine variety. Pkt., 15 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Cocozele Bush. Oblong, skin green striped; excellent quality. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

Liebesapfel, GER.

TOMATO

*Tomate, FR.**Tomate, SP.*

CULTURE.—For first early Tomatoes select varieties of the earliest types, and start the plants under glass during February. When plants are two inches high, transplant into flats, thumb pots or plant boxes, and later on transplant again, giving more room. Never crowd the plants, but keep them short and stocky. Plants already in bloom or with fruit set, if in wooden plant boxes or in pots, may be transplanted in open ground without disturbing their roots, and will continue to bloom and fruit without check. Set these sorts 4 feet apart each way in warm, mellow soil of fair fertility as soon as danger from belated frost is past. For main crop the plants can be started somewhat later, in hotbed or cold frame, once transplanted to keep them stocky, and then set in open ground in fairly warm soil, 5 feet apart each way. A very ornamental show can be made in the home garden by training tomato plants to stakes, poles or trellis. Applications of superphosphate, or of some good complete (vegetable) fertilizer often have a very happy effect on Tomatoes in hastening maturity and increasing the yield. **One ounce of seed will produce from 3000 to 4000 plants.**

The Stone. (See Specialties, page 9.) Pkt, 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.

Early Detroit. (See Specialties, page 10.) Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Dreer's Superb Salad. (See Specialties, page 10.) Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Comet. (*Forcing.*) An excellent variety for forcing. Medium size, color rich scarlet of good quality. Fruits are produced in clusters and it is a heavy yielder. Pkt., 10 cts.; $\frac{1}{2}$ oz., 25 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Lorillard. (*Forcing.*) A good sort for forcing under glass as well as for out-door culture, bright red, smooth, early. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Dwarf Stone. (See cut) This splendid large bright red Tomato is especially adapted for growing in the home garden, as it does not spread like other varieties, and is very productive. The large fruits are grown all over the vine. In size and shape the Tomatoes resemble the original "Stone," and are equally as good in quality as that well-known variety. It ripens evenly and has an excellent flavor, making it a splendid variety for all purposes. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Spark's Earliana. An extra early variety. Fruits smooth and bright red. Our strain of "Earliana" is very choice and produces fruits of uniform size and smooth shape. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Bonny Best. An early and productive variety. Fruits are round, somewhat flattened at stem end, and are produced in abundance. The color is scarlet, and it is a good forcing Tomato. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

June Pink. This is really a pink "Spark's Earliana," as it resembles that variety in every way except the color, which is pink. The fruits grow in clusters, and begin to mature very early, measure 3 inches in diameter and are of excellent quality. It bears for a long season, until the vines are killed by frost. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Dwarf Champion. An early and distinct variety, medium in size, plant of dwarf and compact growth. Color purplish-pink. It is a good variety to grow where space is limited. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Paragon. A fine early variety. Fruit deep red, solid and smooth as an apple. It is a very heavy yielder and of splendid quality, useful both for slicing and canning purposes. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.

Beauty. Rich glossy crimson, with a slight purple tinge; large size, very smooth and solid. Vines make good strong growth and are very productive; fruits begin ripening about mid-season. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.

Favorite. Large size, ripens evenly and early; very prolific, good flavor. The color is bright red and fruits smooth. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.



Acme. A good Tomato for family use, ripens evenly; of medium uniform size, round, very solid, of a pinkish color; Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.

Matchless. A large, bright red Tomato, very solid and meaty, containing but few seeds, and the flavor is excellent. Pkt., 5 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., 85 cts.

Trophy. An old-time favorite. Large size, smooth, solid and excellent flavor. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.

Ponderosa. This is one of the largest varieties. The fruits are a purplish-pink color, very solid and contain few seeds. Ripens at mid-season, continuing to do so until frost. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Crimson Cushion. Large size, nearly round and of very good quality. The color is bright scarlet and flesh very thick and meaty. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Golden Queen. A handsome large yellow Tomato. Very solid and smooth and of excellent flavor. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

PRESERVING TOMATOES.

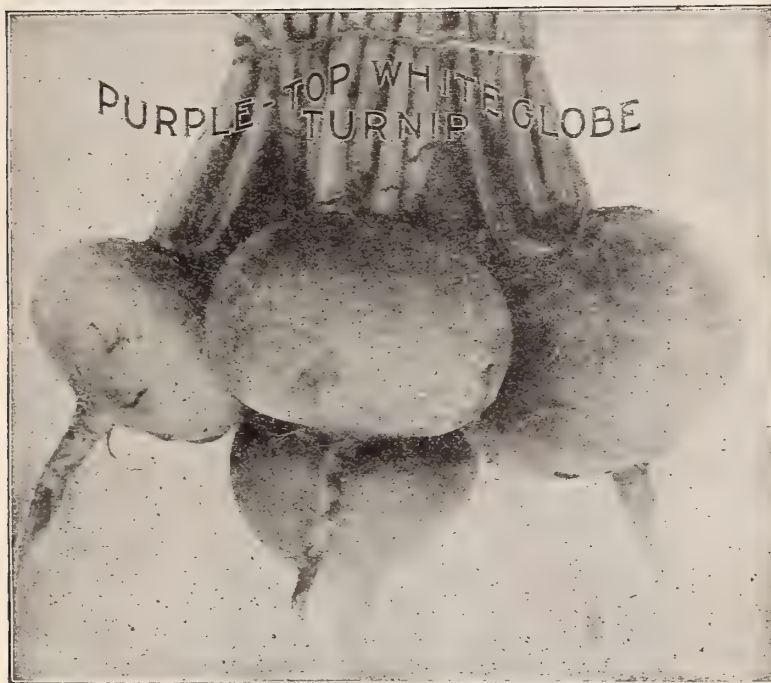
The following small-fruited varieties are used for making preserves, and are also quite ornamental:

Pear-shaped Red, Pear-shaped Yellow, Yellow Plum, Yellow Cherry, Red Cherry, Red Currant, Red Peach, Strawberry, or Ground Cherry. Each at 5 cts. per pkt.; 30 cts. per oz.

TOMATO PLANTS. See page 264.

*Steckruebe, GER.***TURNIP***Navet, FR.**Nabo, SP.***One ounce will sow 200 feet of drill, one to two pounds for an acre.**

Culture. For early, sow seed of flat varieties in open ground in spring, in drills one foot or more apart, using seed sparingly. Thin to 3 or 4 inches apart. For succession sow every two weeks until June. For fall and winter sow in July and August. A good crop may often be grown by scattering seed thinly in the cornfield at last cultivation. For Ruta Bagas, sow seed in seed-bed in spring and transplant to good warm soil, in rows at least 2 feet apart and 8 or 10 inches apart in the rows, or sow in open ground during June and early July. Take up the roots just before winter, top and store in cool cellar, or pit outdoors.

**Purple-Top White Globe.** (See cut.)

Globular shape, handsome and of superior quality either for the table or stock. Is a heavy producer, early, and a good keeper. The flesh is white and skin white, with purple at portion which grows above the ground. It is in best condition for table use when the roots are about three inches in diameter. One of the best varieties, and very largely grown for market. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 80 cts.

Red or Purple-Top (Strap-Leaf).

An early strap-leaf variety which is good for early spring and fall use. Roots flat, top red or purple, flesh fine grained and mild flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 80 cts.

Early White Flat Dutch (Strap-Leaf).

This is an early white-fleshed variety, of quick growth, mild flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 80 cts.

Extra Early Purple-Top Milan.

Handsome appearance, somewhat flattened, white, with purple top, flesh snow-white. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Early White Milan. Like above, but pure white. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Snowball. A fine-looking, pure white variety which matures in from six to seven weeks. The bulbs have a smooth white skin and are nearly round. This Turnip does not grow large but is one of the best to sow very early in the spring. It can be used before fully grown, in which case it is very tender and sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 80 cts.

Early White Egg. Matures very quickly and is adapted for either spring or fall sowing. Egg-shaped and very smooth with thin skin. The tops are small and roots which grow partly above the ground are of medium size, pure white flesh and skin, fine grained and sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 80 cts.

Long White, or Cow Horn. Grows very quickly, partly above ground; very productive; flesh white, fine-grained and sweet; of excellent quality for family use and for stock feeding. The roots are very large, sometimes fifteen inches long and two inches in diameter. This Turnip is also largely used for turning under as a green manure in conjunction with Crimson Clover, and is very valuable for that purpose. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 80 cts.

Yellow Globe (Amber Globe.) One of the best for a general crop. It produces a globe-shape root, with smooth skin and light-yellow flesh, which is firm and sweet. It grows to a large size, excellent for table use or feeding stock, and keeps well until late in the spring. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 80 cts.

Golden Ball. A rapid grower, of excellent flavor, globe-shaped, bright yellow color, good keeper and a superior table variety or for stock. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 80 cts.

Yellow Aberdeen, Purple-Top. Very hardy and productive, good keeper, globe-shaped and fine quality. The Turnips grow to a large size, and are valuable for feeding stock. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 80 cts.

RUTA BAGA.

Dreer's Improved Purple-Top. This special strain of Ruta Baga is remarkable for uniform shape and fine quality, and is also a splendid keeper. They grow to a large size; skin is smooth, and flesh a beautiful yellow color and fine-grained. The flavor is good, being very sweet and tender. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 80 cts.

Budlong's Improved. White, very sweet; much milder flavor than any of the other sorts; globe-shaped; skin a creamy-yellow. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 80 cts.

American Purple-Top. Very hardy and productive; flesh yellow, solid, sweet; good for stock or table use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Skirving's Purple-Top. An important variety of large size and strong growth; a heavy cropper and one of the best. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

TOBACCO.*Tabac, GER.**Tabak, FR.**Tabaco, SP.***One ounce of good seed is sufficient for an acre.**

Culture. Sow seed for plants early in spring in frames or seedbed, using soil well enriched with wood-ashes, etc. Transplant to open ground when weather has become warm and settled, in rows 4 feet apart, and give cultivation as for corn.

Connecticut Seed Leaf. One of the best varieties for cigar wrappers. The leaves are of good width and length and grow closely on the stalk. Pkt., 5 cts.; oz., 25 cts.

Pennsylvania Seed Leaf. Produces a very large leaf and is extensively grown in Lancaster County, Pa. Pkt., 5 cts.; oz., 25 cts.

Havana. The seed we offer is the best Vuelta Abajo obtained by us [direct from Cuba, and is the finest flavored Havana tobacco grown. Pkt., 10 cts.; oz., 40 cts.

DREER'S RECLEANED GRASS AND CLOVER SEEDS



A FIELD OF ALFALFA



STORING ALFALFA

Prices for larger quantities than one Pound are f. o. b. Philadelphia, and subject to market changes.

Kentucky Blue Grass, Fancy Cleaned (*Poa pratensis*). Also known as June Grass, Green Grass, etc. Valuable for lawns and pasture. Sow 3 to 5 bushels per acre for lawn; 2 bushels per acre for pasture. Lb., 30 cts., postpaid. Bu. (14 lb.), \$2.75; 100 lbs., \$18.00.

Canadian Blue Grass (*Poa Compressa*). Thrives well on clay. Sow 30 lbs. per acre. Lb., 25 cts., postpaid. Bu. of 14 lbs., \$2.25; 100 lbs., \$14.00.

Red-top, or Herds Grass (*Agrostis vulgaris*). Suitable for meadow, also lawns and pasture. Sow 3 to 4 bushels per acre for lawns; for pasture, 1½ to 3 bushels per acre. Lb., 25 cts., postpaid. Bu. (10 lbs.), \$1.50; sack of 50 lbs., \$6.50; 100 lbs., \$12.00.

Red-top Grass, Extra Re-cleaned Seed. Lb., 35 cts., postpaid. Bu. (32 lbs.), \$6.00; 100 lbs., \$18.00.

Orchard Grass (*Dactylis Glomerata*). One of the most valuable of the pasture grasses; makes a good hay. Sow 3 bushels to the acre. Lb., 35 cts., postpaid. Bu. (14 lbs.), \$3.25; 100 lbs., \$22.00.

English Rye Grass, or Perennial Rye (*Lolium perenne*). Sow 60 lbs. to the acre. Lb., 25 cts., postpaid. Bu. (24 lbs.), \$3.00; 100 lbs., \$12.00.

Italian Rye Grass (*Lolium Italicum*). Valuable for pasture mixtures. 50 lb. to the acre. Lb., 30 cts. postpaid. Bu. (18 lbs.), \$2.75; 100 lbs., \$14.00.

Meadow Fescue (*Festuca pratensis*). English Blue Grass, or Sweet Grass. Sow 50 lbs. to the acre. Lb., 35 cts., postpaid. Bu. (22 lbs.), \$4.50; 100 lbs., \$19.00.

Tall Meadow Fescue (*Festuca elatior*). Should form a part of all pasture mixtures on wet or clay lands. Lb., 60 cts. postpaid. Bu. (14 lbs.), \$6.50; 100 lbs., \$45.00.

Sheep's Fescue (*Festuca ovina*). Valuable for lawns and sheep's pastures. 40 lbs. to the acre. Lb., 55 cts., postpaid. Bu. (12 lbs.), \$5.00; 100 lbs., \$40.00.

Fine-leaved Sheep's Fescue (*Festuca ovina tenuifolia*). Excellent for lawns, etc. 30 lbs. to the acre. Lb., 60 cts., postpaid. Bu. (14 lbs.), \$6.50; 100 lbs., \$45.00.

Hard Fescue (*Festuca duriuscula*). 30 lbs. to the acre. Lb., 50 cts., postpaid. Bu. (12 lbs.), \$4.50; 100 lbs., \$35.00.

Red, or Creeping Fescue (*Festuca rubra*). Suitable for sandy soils and at seashore; valuable for Putting Greens. Lb., 50 cts., postpaid. Bu. (14 lbs.), \$5.00; 100 lbs., \$35.00.

Meadow Foxtail (*Alopecurus pratensis*). 30 lbs. to acre. Lb., 60 cts., postpaid. Bu. (7 lbs.), \$3.50; 100 lbs., \$45.00.

Crested Dogtail (*Cynosurus cristatus*). 25 lbs. to the acre. Lb., 50 cts., postpaid. Bu. (21 lbs.), \$7.75; 100 lb., \$35.00.

Bermuda Grass (*Cynodon dactylon*). Sow 8 to 10 lbs. to the acre. Lb., 65 cts., postpaid. Bu. (35 lbs.), \$17.50.

Rough-stalked Meadow Grass (*Poa Trivialis*). Good on either moist or dry soils. 30 lbs. to the acre. Lb., 65 cts., postpaid. Bu. (14 lbs.), \$7.25; 100 lbs., \$50.00.

Awnless Brome Grass (*Bromus inermis*). A valuable grass for light, dry soils. 35 to 40 lbs. to the acre. Lb., 40 cts., postpaid. Bu. (14 lbs.), \$4.00; 100 lbs., \$25.00.

Tall Meadow Oat Grass (*Avena elatior*). Valuable for soiling or permanent pasture. 50 lbs. to the acre. Lb., 45 cts., postpaid. Bu. (10 lbs.), \$3.50; 100 lbs., \$30.00.

Wood Meadow Grass (*Poa nemoralis*). Adapted, as its name implies, for wooded or shaded meadows or lawns. Sow 30 lbs. to the acre. Lb., 65 cts., postpaid. Bu. (14 lbs.), \$7.50; 100 lbs., \$50.00.

Creeping Bent Grass (*Agrostis stolonifera*). Excellent for lawns; makes a low, velvety growth. Lb., 65 cts., postpaid. Bu. (20 lbs.), \$10.25; 100 lbs., \$50.00.

Rhode Island Bent (*Agrostis canina*). Has a creeping habit and is hardy. Sow 4 bu. to the acre. Lb., 60 cts., postpaid. Bu. (14 lbs.), \$6.75; 100 lbs., \$45.00.

Sweet Vernal Grass (*Anthoxanthum odoratum*). Use 2 to 5 lbs. per acre. Lb., 85 cts., postpaid. 10 lbs., \$7.00.

Timothy (*Phleum pratense*). Sow ½ bushel to the acre alone, or 8 to 10 quarts if used with other grass seeds. 45 lbs. to the bushel. Write for sample and price per bushel.

CLOVER SEED.

Red Clover, Medium (*Trifolium pratense*). Sow spring or fall, 10 to 15 lbs. per acre. Write for price.

Mammoth Red Clover (*Trifolium pratense perenne*). For plowing under. 10 to 15 lbs. per acre. Write for price.

Alsike, or Swedish Clover (*Trifolium hybridum*). Sow 8 lbs. to the acre when used alone. Write for price.

White Dutch Clover (*Trifolium repens*). Excellent for lawns. Sow 8 lbs. to the acre alone or 4 lbs. when used with other grasses. Lb., 70 cts., postpaid. By express or freight at purchaser's expense, lb., 60 cts.; 5 lbs., \$2.80; 10 lbs., \$5.50; bu. (60 lbs.), \$30.00.

Sweet Clover, Bokhara (*Melilotus alba*), also **Yellow Blossom** (*Melilotus officinalis*). Grown for Bee food and as a fertilizer. We supply either variety. Lb., 40 cts., postpaid. Write for price per bushel.

Japan Clover (*Lespedeza striata*). Sow 14 lbs. per acre. Lb., 40 cts., postpaid; 100 lbs., \$25.00.

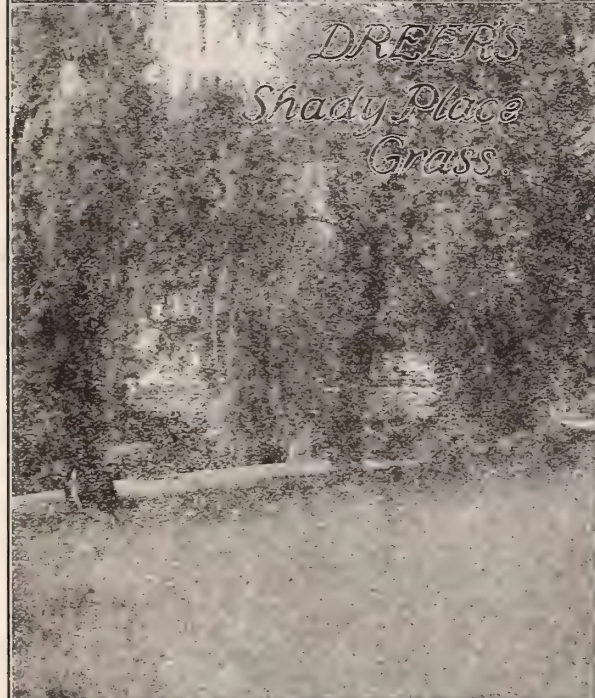
Sainfoin, Esparsette, or Holy Clover (*Onobrychis sativa*). Lb., 35 cts., postpaid. Bu. (20 lbs.), \$3.25.

Crimson, or Scarlet Clover. Write for price.

Alfalfa, or Lucerne (*Medicago sativa*). Produces 3 to 4 heavy crops of nutritious hay in a season. Lb., 35 cts., postpaid. Write for Special Leaflet and price per bushel.



*The "DREER"
Lawn Grass.*



*DREER'S
Shady Place
Grass.*



*DREER'S
Terrace Grass.*



*DREER'S
Permanent Pasture Grass.*

DREER'S CELEBRATED LAWN GRASS SEEDS

OUR special brands of Lawn Grass Seeds are noted for their adaptability to various situations and soil conditions, and are now used in every section of the country for making private lawns, and also on the grounds of many leading Country Clubs, Athletic Clubs, Golf Links, etc. The lawns at the **Alaska-Yukon-Pacific Exposition**, held during the summer of 1909, were made with Dreer's Lawn Grass," and we were awarded a **Gold Medal** for same. Many other prizes have been awarded us for Grass Seeds, including a **Gold Medal** by the **Pan-America Exposition**, held at Buffalo, N. Y.

THE "DREER" LAWN GRASS.

This is by far the best mixture of grasses offered for the purpose of quickly producing a permanent lawn. It is prepared from our own formula, and is a careful blending of varieties adapted to producing the thick growth and velvety appearance so much sought after. Each variety of grass in its composition is there for a special purpose; some for making strong, fibrous roots, which take hold upon the soil and keep the turf in place, others of a creeping nature quickly fill up any bare spots which may be caused by the taller sorts dying down; varieties which are useful for their color value, and also kinds that are able to withstand the beating down of excessive rains.

Whether you want to seed a small grass plot in your yard, or a lawn of more potentious size, you should use this grass mixture. For the convenience of customers, we put this seed up in various-size packages, from the single quart, which is sufficient to cover 300 square feet of ground, to such quantities as are required for seeding large lawns, where from five to six bushels of seed to the acre are required. Per qt., 30 cts., postpaid. By express or freight, at purchaser's expense, qt., 25 cts.; 4 qts., 75 cts.; peck, \$1.25; bushel (20 lbs.), \$5.00.

DREER'S SHADY PLACE GRASS.

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade, and as it blends well with our regular Lawn Grass Mixtures, it may be used on those portions of the lawn which are shaded by trees, buildings, etc., thus covering the whole area with a rich green sward. Per qt., 30 cts., postpaid. By express or freight, at purchaser's expense, qt., 25 cts.; 4 qts., 75 cts.; peck, \$1.25; bushel (20 lbs.), \$5.00.

DREER'S TERRACE GRASS.

Ordinary lawn grass will not hold the soil on terraces and embankments, which require a thick turf, composed of varieties which make strong roots to take hold of the soil and prevent washing by heavy rains. Our Terrace Grass is a carefully prepared combination of such grasses as will fill the requirements by making a quick growth of grass which will form a strong mat and present a good appearance. It will grow well anywhere, but it is best to enrich the soil, in order to provide nourishment to the young roots and give a vigorous start to their growth. Per qt., 30 cts., postpaid. By express or freight, at purchaser's expense, qt., 25 cts.; 4 qts., 75 cts.; peck, \$1.25; bushel (20 lbs.), \$5.00.

SEASHORE LAWN GRASS.

A rich, green lawn is especially desirable at the seashore, but unless the right mixture of grasses and clover are used the result will be disappointing. Our Seashore Lawn Grass is composed of strong-rooted varieties which quickly produce a good turf. In preparing the land it should first be top-dressed with about four inches of good soil, as grass will not grow well in sand, but the seeds will quickly germinate in the top-soil and make strong roots, which reach down into the sand for moisture. In order to keep the seaside lawn in good condition, it should be watered liberally every evening, and also have an occasional application of pure Bone Meal, in order to keep up a vigorous growth. Per qt., 30 cts., postpaid. By express or freight, at purchaser's expense, qt., 25 cts.; 4 qts., 75 cts.; peck, \$1.25; bushel (20 lbs.), \$5.00.

DREER'S "EVERGREEN" LAWN GRASS.

This special mixture produces beautiful and permanent lawns. It is made from our own formula and composed of grasses which are adapted for the purpose of producing turf which retains its rich green color and velvety appearance throughout the entire summer and fall. In making up this brand we are careful to use seed that has been thoroughly re-cleaned. Per qt., 25 cts.; postpaid. By express or freight, at purchaser's expense, per qt., 20 cts.; 4 qts., 65 cts.; peck, \$1.00; bushel (20 lbs.), \$4.00.

DREER'S FAIRMOUNT PARK. LAWN GRASS.

This mixture is well suited for various soil conditions, giving good results even in small city grass plots, where the soil is generally stiff and heavy. It is also valuable for use on embankments and terraces, also for renovating old, worn-out lawns. Per qt., 20 cts., postpaid. By express or freight, at purchaser's expense, per qt., 15 cts.; 4 qts., 55 cts.; peck, 90 cts.; bushel (20 lbs.), \$3.50.

DREER'S PUTTING GREEN MIXTURE.

A careful study of the requirements for making the most substantial turf for Putting Greens developed the mixture herewith offered by us for this purpose. The varieties comprising it are all of the finest-bladed, low-growing and most hardy kinds, and maintain their rich, green color throughout the season. We also recommend it for terraces, embankments and steep slopes. Per qt., 35 cts., postpaid. By express or freight, at purchaser's expense, per qt., 30 cts.; 4 qts., \$1.00; peck, \$1.75; bushel (25 lbs.), \$7.00.

DREER'S GOLF LINKS MIXTURE

Made from our own formula with the object of producing a turf which will stand rough usage. For Tennis Courts, Cricket Tables, Golf Links, Polo Grounds, this seed will give perfect satisfaction. Per qt., 20 cts., postpaid. By express or freight, at purchaser's expense, per qt., 15 cts.; 4 qts., 50 cts.; peck, 75 cts.; bushel (15 lbs.), \$3.00.

WHITE DUTCH CLOVER SEED.

Excellent for use on lawns; forms a close herbage and remains green throughout the season. We furnish the choicest grade of seed. Lb., 70 cts., postpaid. By express or freight, at purchaser's expense, lb., 60 cts.; 5 lbs., \$2.80; 10 lbs., \$5.50; bushel (60 lbs.), \$30.00.

DREER'S PERMANENT PASTURE GRASS.

This special mixture of grass and clover seed is composed of varieties best adapted for producing an abundant and nutritious food supply for stock, and will be found entirely satisfactory for permanent pasturage. If your fields are worn out, it will pay well to plough and seed them with this mixture of grasses and clovers, thus securing two crops a year, whereas with Timothy alone you cut but one crop. Sow 50 pounds to acre. In ordering, state whether for light or heavy soil. Price, per lb., 30 cts., postpaid. By express or freight, at purchaser's expense, bushel (20 lbs.), \$3.50; 100 lbs., \$16.00.

Quantity of Lawn Grass Seed to Sow. One quart is sufficient for 300 square feet; 5 bushels for an acre, or for renovating lawn use one-half these quantities.

Dreer's Booklet on Lawn Making

is mailed free of charge to any who are interested. Tells how to make and care for the lawn. Write for a copy.



DREER'S RELIABLE FARM SEEDS



FARM SEEDS ARE SENT BY FREIGHT OR EXPRESS at customer's expense. We pack carefully and deliver to transportation company here, and always make shipment via best and quickest route.

PRICES ON ALL FARM SEEDS ARE SUBJECT TO MARKET CHANGES.

YELLOW FIELD CORN.

Sow 8 quarts to the acre early in May.

Pusey Cloud Yellow Dent. (See cut.) At the Chester County, Pa., Corn Show, Mr. Pusey Cloud, the originator, was awarded the prize for this variety; also prizes at both the National and Pennsylvania Corn Shows. It matures in 100 to 110 days and has yielded 75 to 100 bushels of shelled Corn to an acre. The ears measure about 10 inches in length; cob is small and the grains are very deep, closely set on the cob. It is a safe variety to plant anywhere in the same latitude as Philadelphia. By express or freight, at purchaser's expense, peck, 90 cts.; bu., \$3.00.

Eureka Yellow Dent. This magnificent Early Yellow Dent Corn is a cross between the large Yellow Dent and Chester County Mammoth. Matures early and safe to plant as far north as Trenton, N. J., and produces immense crops. The ears measure from 12 to 14 inches in length, and contain from 18 to 22 rows of beautiful yellow grains. By express or freight, at purchaser's expense, peck, 85 cts.; bushel, \$2.75.

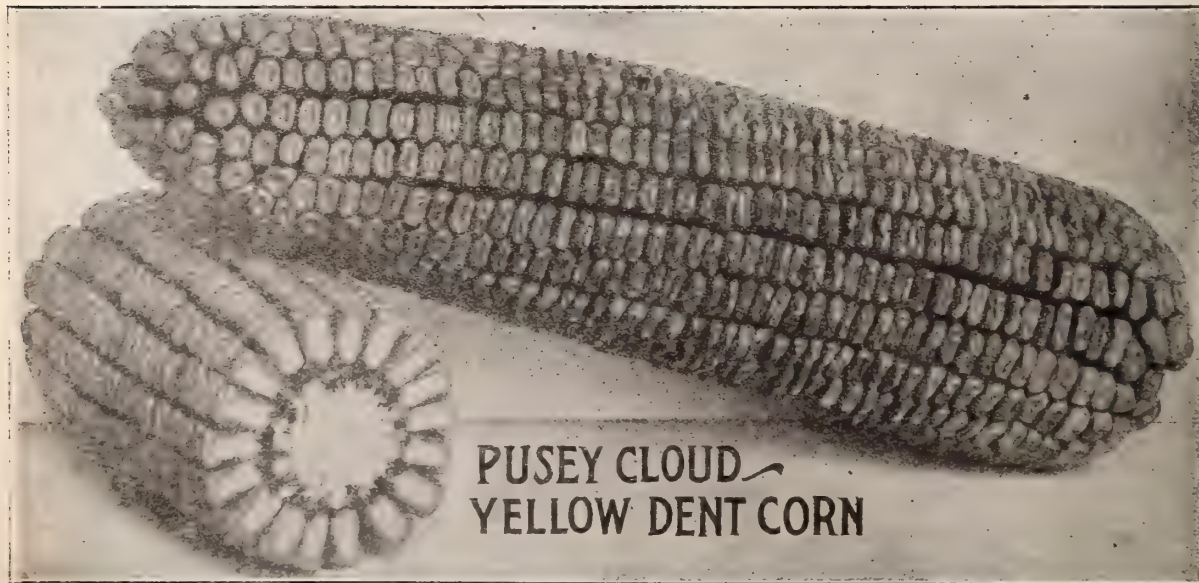
Pedrick Perfected Golden Beauty. A strain of Golden Beauty obtained by careful selection. It is far superior in every way to the original Golden Beauty. The ears contain from 10 to 14 rows of extremely large, broad grains, which are of a rich golden-yellow color, and the cob is very small, ears are well filled out, even to the extreme end of the cob. By express or freight, at purchaser's expense, peck, 75 cts.; bushel, \$2.50.

Leaming Gourd Seed. A good early variety, deep yellow grains, small cob. By express or freight, at purchaser's expense, peck, 75 cts.; bushel, \$2.50.

Early Yellow Canada. A ninety-day Corn, used principally in this latitude for replanting. By express or freight at purchaser's expense, peck, 75 cts.; bushel, \$2.50.

Early 100-day Bristol. The earliest of the large Yellow Dent varieties; grain light yellow. By express or freight, at purchaser's expense, peck, 75 cts.; bushel, \$2.50.

Early Mastodon Dent. An early strong-growing yellow Corn, with large ears and grain. By express or freight, at purchaser's expense, peck, 75 cts.; bushel, \$2.50.



PUSEY CLOUD
YELLOW DENT CORN



WHITE FIELD CORN.

Hickory King. A prolific white variety; cob remarkably small, grains large and broad. By express or freight, at purchaser's expense, peck, 85 cts.; bushel, \$2.75.

ENSILAGE CORN.

Sow 1 bushel in drills, or 2 bushels broadcast per acre. Special prices to buyers of large quantities.

Red-Cob Ensilage. One of the very best varieties for ensilage and grows well in all sections. It is a pure white Corn on a red cob. It is sweet, tender, juicy, has short joints and produces an abundance of foliage. Every dairy farmer should grow this sort; it will produce very large crops. By express or freight, at purchaser's expense, peck, 75 cts.; bushel, \$2.50.

Blount's Prolific White. This variety bears 4 to 6 ears per stalk; grain plump and white. It is very productive. By express or freight, at purchaser's expense, peck, 75 cts., bushel, \$2.50.

Southern Fodder Sheeptoath. Grows 12 to 16 feet high; has broad foliage and tender stalks. Will keep up the flow of milk during hot weather, when the grass is burnt up. Grains narrow and white. By express or freight, at purchaser's expense, peck, 75 cts., bushel, \$2.50.

Sweet Fodder Corn. For soiling or ensilage. Sow broadcast 2 bushels, or in drills 3 feet apart, 1 bushel per acre. Write for price.

BARLEY.

Sow $1\frac{1}{2}$ to 2 bushels if drilled; 2 to $2\frac{1}{2}$ bushels broadcast.

Manshurey. A productive and reliable variety. The straw is stiff and strong, holding up well and bearing long heads, which are well filled with plump grains. It ripens early and is good for both feeding and malting. Write for price.

Beardless Barley. This variety is free from beards, making it easier to thresh than other kinds and safer to feed to stock. It is a strong, vigorous grower, making short, heavy straw and bearing well-filled heads. Write for price.

BUCKWHEAT.

Sow about the middle of June, broadcast, from 2 to 3 pecks per acre.

Japanese. Earlier, more prolific and yields double the weight per acre of other sorts. Grains are nearly twice as large as those of Silver Hull. By express or freight, at purchaser's expense, peck, 50 cts.; bushel (48 lbs.), \$1.75.

OATS.

Sold at standard weight of 32 lbs. to the bushel. Special prices to buyers of large quantities. Sow $2\frac{1}{2}$ bushels to the acre.

Storm King. (See cut.) The seed of this variety was originally imported, but has been grown for several years in this country, and is thoroughly acclimated. It makes a strong growth of straw, with large, well-filled heads, which have a tendency to be one-sided and grains are white, large and heavy. "Storm King" has made a yield of from 60 to 70 bushels per acre, and we recommend it to every farmer who desires a thoroughly reliable variety. By express or freight, at purchaser's expense, peck, 60 cts.; bushel (32 lbs.), \$2.00; 5 bushel or over, \$1.85 per bushel.

White Tartar. Extremely early and an enormous cropper. It will do well on any good farm land and prove very profitable. The straw is long, very strong, and holds up well. The heads are large and well filled. By express or freight, at purchaser's expense, peck, 50 cts.; bushel (32 lbs.), \$1.85; 5 bushels or over, \$1.75 per bushel.

White Maine. This fine variety is grown with much favor, as it yields extremely large crops. By express or freight, at purchaser's expense, peck, 40 cts.; bushel (32 lbs.), \$1.40; 5 bushels or over, \$1.35 per bushel.

Lincoln. Very early and productive. By express or freight, at purchaser's expense, peck, 40 cts.; bushel (32 lbs.), \$1.40; 5 bushels or over, \$1.35 per bushel.

Welcome. An excellent variety, productive and heavy. By express or freight, at purchaser's expense, peck, 40 cts.; bushel (32 lbs.), \$1.40; 5 bushels or over, \$1.35 per bushel.

SPRING WHEAT.

Saskatchewan Fife. By express or freight, at purchaser's expense, peck, \$1.00; bushel (60 lbs.), \$3.50.

SPRING RYE.

Used as a catch crop to sow where winter grain has failed. By express or freight, at purchaser's expense, peck, 60 cts.; bushel (56 lbs.), \$2.25.

SUNFLOWER.

Mammoth Russian. May be grown to great advantage in waste ground. An excellent and cheap food for fowls. All farmers should plant this, if only for feeding chickens. It is enormously productive of seed, as the heads sometimes measure 18 inches in diameter. Plant 4 quarts to acre. Lb., 25 cts., postpaid. By express or freight, at purchaser's expense, peck, 60 cts.; bushel (25 lbs.), \$2.00; 100 lbs., \$7.00.



FIELD, FORAGE AND SILO SEEDS

Prices of all Farm Seeds are f. o. b. Philadelphia and subject to market changes.



SUDAN GRASS.

A new forage plant which is valuable in the middle west and may also be grown in the east. It is an annual, related to the sorghums and is valuable both for hay and silo. Grows from six to ten feet high, makes small leafy stems and is greatly relished by stock. Sow seed when ground has become warm, using 4 to 6 lbs. per acre, in drills 18 to 24 inches apart, and cultivate like corn. Lb., 45 cts., postpaid. By express or freight, at purchaser's expense, 10 lbs., \$3.00.

BROOM CORN.

Improved Evergreen. This variety is extensively grown on account of the color and quality of its brush, which is long, fine, and straight, and always green; grows 7 feet high. Sow 10 pounds to the acre in good, deep dry soil. Lb., 30 cts., postpaid. By express or freight, at purchaser's expense, bushel (50 lbs.), \$3.50; 100 lbs., \$6.00.

SOJA BEANS.

Ito San Soja Bean. Earlier than Hollybrook, but leaves not as large. By express or freight, at purchaser's expense, peck, 95 cts.; bushel, \$3.50.

Hollybrook Early Soja. A good variety for planting in Northern and Eastern States. Ripens early and produces an enormous crop. By express or freight, at purchaser's expense, peck, 90 cts.; bushel, \$3.25.

Wilson Soja. An excellent variety for Middle and Eastern States. Grows 36 to 44 inches high, branches well, holds leaves and seeds do not shatter from pods after cutting. By express or freight, at purchaser's expense, peck, \$1.00; bushel, \$3.75.

Mammoth Yellow Soja Bean. Valuable as a forage crop and for silo purposes. Plant one-half bushel to the acre. By express or freight, at purchaser's expense, per peck, 80 cts.; per bushel, \$3.00.

VETCHES.

Spring Vetches, or Tares (*Vicia Sativa*). Highly valuable for soiling or for green manuring. Use 2 to 3 bushels to acre, broadcast, or 1 to 2 bushels in drills. Lb., 25 cts., postpaid; bu. of 60 lbs., write for price.

Winter Vetches, or Tares (*Vicia Villosa*). Also called Sand Vetch, or Hairy Vetch. Recommended for fall sowing. Sow 1 bushel of the seed per acre, with 1 bushel of rye. Price per lb., 35 cts., postpaid; bu. (60 lbs.), write for price and special leaflet.

PEAS FOR FODDER AND GREEN MANURING.

Canadian Field Peas. Valuable for Northern climates for cattle feeding and for green soiling. Used as feed for pigeons. Sow 1½ bushels per acre with ½ bushel oats. By express or freight, at purchaser's expense, peck, \$1.00; bushel, \$3.75.

Southern Black-Eye Cow Peas. A small white variety with black eye. Sow two bushels to the acre. By express or freight, at purchaser's expense, peck, 90 cts.; bushel, \$3.50.

New Era Cow Peas. Extra early. By express or freight, at purchaser's expense, peck, 80 cts.; bushel, \$3.00.

Whip-poor-will Cow Peas. An early variety; grows up-right and vigorous; crop is easy to harvest. By express or freight, at purchaser's expense, peck, 80 cts.; bushel, \$3.00.

Clay Cow Peas. Sow 2 bushels to acre. By express or freight, at purchaser's expense, peck, 80 cts.; bushel, \$3.00.

RAPE.

Dwarf Essex Rape. A forage plant of the highest value, which can be sown in this latitude as late as September. It is sown broadcast at the rate of 10 lbs. to the acre, or 5 lbs. in drills. By express or freight, at purchaser's expense, 10 lbs., \$1.20; per bu. (50 lbs.), \$5.50; 100 lbs., \$10.00.



FIELD, FORAGE AND SILO SEEDS

Prices of all Farm Seeds are f. o. b. Philadelphia and subject to market changes.

MILLET.

German, or Golden Millet (*Southern Grown*). (See cut.)
A valuable annual hay and fodder crop. Sow 1 bushel to the acre. Bushel (50 lbs.), write for price.

Hungarian Millet (*Panicum Germanicum*). An annual forage plant, early and productive, growing 2 to 3 feet high. Sow 1 bushel to the acre. Bushel (48 lbs.), write for price.

Egyptian, or East India Pearl Millet (*Penicillaria spicata*). Grows from 8 to 10 feet high. For fodder, sow 5 pounds in drills 3 feet apart, thin out in rows to 1 foot apart. Lb., 30 cts., postpaid. By express or freight, at purchaser's expense, bushel (50 lbs.), \$5.00.

Japanese Barn-yard Millet (*Panicum Crus-galli*). An excellent fodder plant; grows 6 to 8 feet high. Lb., 25 cts., postpaid. By express or freight, at purchaser's expense, 10 lbs., 80 cts.; 100 lbs., \$7.00.

MISCELLANEOUS FARM SEEDS.

Teosinte (*Reana Luxurians*). (See cut.) Excellent for stock, either green during summer or dry during winter, and more nutritious and better liked than corn fodder by stock of all kinds. Grows well in this latitude, supplying an immense amount of fodder. Sow in May or June, in drills about 4 feet apart, using 3 lbs. of seed per acre. Per oz., 10 cts.; $\frac{1}{4}$ lb.; 25 cts.; lb., 85 cts., postpaid. By express or freight, at purchaser's expense, 5 lbs. or over, 70 cts. per lb.

Velvet Bean (*Dolichos Multiflorus*). By express or freight, at purchaser's expense, peck, \$1.25; per bushel, \$4.50.

Speltz, or Emmer. Excellent for fattening cattle, poultry, horses, sheep, pigs, etc. Makes a heavy yield of grain and hay; excellent pasture, and may be fed green. Sow 70 to 80 pounds per acre. By express or freight, at purchaser's expense, peck, \$1.25; bushel (40 lbs.), \$4.50.



TEOSINTE, A WONDERFUL FODDER PLANT

Sorghum, or Early Amber Sugar-cane. Height 10 to 12 feet. Sow 5 lbs. in drills, or $1\frac{1}{2}$ bushels broadcast to acre. By express or freight, at purchaser's expense, 10 lbs., 60 cts.; 100 lbs., \$5.00.

Johnson Grass, or Sorghum Halepense. A Southern fodder plant. Per lb., 35 cts., postpaid. By express or freight, at purchaser's expense, 10 lbs., \$1.30; 100 lbs., \$12.00.

Yellow Milo Maze. May be cut several times for green forage; used for ensilage, or cured like sorghum. Use 4 to 5 lbs. per acre. By express or freight, at purchaser's expense, 10 lbs., 70 cts.; 100 lbs., \$6.00.

Kaffir Corn (Red). Good forage. Use 4 to 5 lbs. per acre. By express or freight, at purchaser's expense, 10 lbs., 70 cts.; 100 lbs., \$6.00.

BIRD SEEDS.

Our bird seeds are all carefully selected and re-cleaned. Prices subject to market changes. *All Bird Seeds are sent by express, or freight at purchaser's expense.*

Canary. Best re-cleaned seed, 4 qts.; 80 cts.; peck, \$1.50; bu. (60 lbs.), \$5.00.

Hemp. 4 qts., 50 cts.; peck, 90 cts.; bu. (40 lbs.), \$3.50.

French Bird Millet. 4 qts., \$1.10; peck, \$2.00.

German Rape. 4 qts., 70 cts.; peck, \$1.25; bu. (50 lbs.), \$4.25.

Vetches for Pigeons. Peck, \$1.25; bu. (60 lbs.), \$4.50.

Mixed Bird Seed. 4 qts., 80 cts.; peck, \$1.50; bu. (60 lbs.), \$5.00.

Lettuce. Oz., 5 cts.; lb., 30 cts. | **Maw**. Lb., 50 cts.

Unhulled Rice. 4 qts. 70 cts.; peck, \$1.25.

Sunflower. 4 qts., 35 cts.; peck, 60 cts.; bu. (25 lbs.), \$2.00.

Inoculating Cultures for Leguminous Crops

NITROGEN GATHERING BACTERIA FOR



UNINOCULATED ALFALFA INOCULATED

ALFALFA
CRIMSON CLOVER
SWEET CLOVER
WHITE CLOVER
RED CLOVER
ALSIKE CLOVER

BURR CLOVER
COW PEAS
SOY BEANS
CANADA FIELD PEAS
PEANUTS
VETCH

SWEET PEAS
GARDEN PEAS
GARDEN BEANS
LIMA BEANS
VELVET BEANS
LUPINS

And all other pod-growing plants called legumes, enrich the soil through the action of bacteria growing upon their roots. These bacteria live only upon the roots of legumes, and by an action of their bodies extract the free nitrogen of the air, and deposit around themselves as nitrates, thus forming little sacks or nodules on the roots of the growing plants. These sacks furnish the growing plant with all the nitrates it requires, and still leaves large amounts unused in the soil ready for future crops or other crops growing at the same time with the legumes.

The method of transfer of soil for inoculation is both costly and dangerous—weed seed, soil and plant diseases are transferred in this way. All inoculations should be done by means of the pure cultures of nitrogen-gathering bacteria, which are free from contamination and contain only active bacteria of the proper kind.

FARMOGERM

Farmogerm is nitrogen-fixing bacteria that have been selected and bred up to transform large amounts of nitrogen from the air into soluble nitrates. These bacteria are grown in a jelly or food, in which they remain active for long periods of time, and sent out in a bottle which admits the necessary supply of pure air, yet keeps out destructive contamination.

WHAT FARMOGERM WILL DO

Farmogerm, as will be understood from what has already been said, furnishes legume crops with all the nitrates they need for a maximum growth, and causes enough nitrates to be produced during the growth of the legume crop and left in the soil to supply two or three following crops of other kinds. And the high-bred bacteria of Farmogerm produce these results to a much greater extent than bacteria which are not bred up to increase their nitrogen-fixing power.

Unless the soil is very unfavorable, Farmogerm will:—

1. Increase legume crops, giving quicker growth, a larger crop, and earlier maturity.
 2. Increase the food value of legumes.
 3. Make legumes grow in new localities where they cannot be grown successfully without inoculation.
 4. Supply nitrates to other crops growing with the inoculated legume crop.
 5. Enrich the soil for future crops, thereby increasing the permanent value of the farm.
- Better crops—better soil—less fertilizer—less labor.

Mulford Cultures

FOR LEGUMES

The Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria, and are used for inoculating seeds of the various legumes used for maintaining soil fertility and rejuvenating over-cropped and worn-out fields, adding both humus and nitrogen to the soil. Prepared and tested by experts at the Biological Laboratories of H. K. Mulford Co., with the same care as the Mulford Anti-Toxins, Serums, Vaccines, etc., which are standards all over the world.

GUARANTEE

Each bottle of **Mulford Culture for Legumes** is guaranteed to contain a pure, active, vigorous culture of nitrogen-fixing bacteria, of the proper strain for the legume indicated on the label, and in sufficient quantities to inoculate the required amount of seed or soil for the area specified on the label.

Mulford Cultures will give their best results when everything possible has been done, in every other way, to make the crop a success. Inoculation is not a miracle worker, but is simply an aid to Nature, furnishing the young plant at the very outset with a supply of the proper nitrogen-fixing bacteria.

Why buy expensive commercial nitrates when you can grow legume crops and thus increase your yield and at the same time replace the nitrates and enrich and renovate your soil, by Nature's own method?

Increase Your Crops—Improve Your Soil

We can furnish combination cultures for various Legumes, but recommend the use of those prepared especially for the crop to be planted and therefore request that purchasers kindly state on order *what kind of seed the culture is to be used on*, so that we can send the proper material.

PRICES FOR FARMOGERM

Half-Garden Size, $\frac{1}{8}$ acre.....	\$0 25
Garden Size, enough for about $\frac{1}{4}$ acre.....	50
One-Acre Size.....	1 50
Five-Acre Size.....	5 00

Prices for Mulford Cultures

Half-Garden Size, $\frac{1}{8}$ acre.....	\$0 25
Garden Size, enough for about $\frac{1}{4}$ acre.....	50
One-Acre Size.....	1 50
Five-Acre Size.....	5 00

Booklets and Circulars giving full information and directions for the use of above cultures, mailed free on application.

FLOWER SEED Department



A BORDER OF PINK GERANIUMS EDGED WITH SWEET ALYSSUM

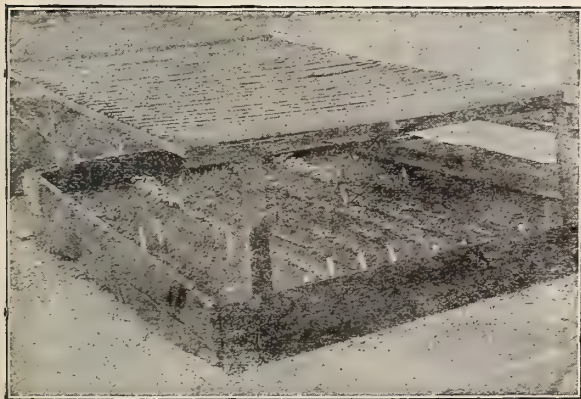
We give close attention to this department, which is probably the largest in quantity and variety in this country, nearly one thousand species and varieties being offered.

Our Flower Seeds have a world-wide reputation, and we grow and save on our own grounds at Riverton more varieties than any other American Seedsmen. Our constant aim is to secure the very best strains obtainable, both of home and foreign growth, and we spare no pains or expense with this object in view. Our strains of Asters, Carnations, Pansy, Petunia, Verbena, Zinnia, etc., are grown by the leading private gardeners and commercial florists, and are acknowledged to be superior in all respects.

Success with Flower Seeds

We are convinced that many of the failures with flower seeds are due to lack of proper conditions; and while it would be impossible in the space at our disposal in this catalogue to give explicit directions for each and every variety which we offer (but which is given on each packet of flower seeds we sell), we feel sure that if the general directions given on this and the following page are followed success will be the rule. These directions, we may say, are written for the latitude of Philadelphia. Customers living in other sections can readily adapt them to their localities.

For all flower seeds which should be started indoors, and this includes many of our best and brightest summer flowers, such as Heliotrope, Celosia, Lobelia, Salvia, Vinca, Verbenas, etc., the best plan is to sow in earthenware seed pans, or boxes (about 2 inches deep), which should be filled to the depth of an inch with broken pots, coal ashes, or any rough material that will furnish perfect drainage. The upper inch should be nicely sifted soil, composed, if possible, of about one-third each sand, leaf mould and light garden loam. Press firmly and evenly, and water thoroughly the day before sowing. Sow the seeds thinly over the surface, cover about one-eighth of an inch and pressing firmly; cover with a pane of glass or one or two thicknesses of newspaper, to prevent the too rapid evaporation of the moisture, and keep in a temperature between 60° and 70°. Water carefully as needed. The importance of uniform attention to this detail is one that can only be learned by experience and observation. To omit a single watering, or too frequent, indiscriminate watering, usually leads to failure. Remove the glass, or covering, as soon as the seeds have germinated, and when the seedlings are large enough to handle they should be transplanted into similarly prepared boxes an inch apart each way, or put into small pots and kept in same until time to plant out in the open ground. At all times they should have an abundance of air; otherwise the young seedlings are liable to "damp off."



A COLD FRAME WITH LATH SHADE, A GOOD PLACE TO GERMINATE FLOWER SEEDS IN DURING THE SUMMER

For most of the ordinary annual flowers, such as Sweet Alyssum, Calliopsis, Calendula, Marigold, Mignonette, Nasturtium, etc., the simplest method is to sow directly out of doors when danger of frost is past in the space where they are intended to flower. The ground should be dug and raked fine on the surface, sowing the seeds evenly and thinly, either in lines or beds covering not over four times their size, and firming the soil over them. Should they come up too thickly, as most of them are likely to do, thin out so that the plants will stand from 4 to 12 inches apart according to the variety. This plan is also adapted to many varieties usually started indoors, including Asters, Verbenas, Celosias, Stocks, Salvia, etc., etc.; but as a rule their germination is more certain under glass, and as they begin to flower so much earlier when started indoors, the extra trouble is well repaid for by their increased blooming period.

We commend to the careful attention of our customers the articles on the next page on

How to Grow Annuals, by Prof. L. H. Bailey, of Cornell University.

How to Grow Perennials from Seed, written expressly for this book by Wm. Falconer, of Pittsburgh.

Annuals, and How to Grow Them

By Prof. L. H. Bailey,
Cornell University.

The following is an extract from an article which appeared in Country Life in America some years ago.

Annual plants are those that you must sow every year. The staid perennials I want for the main and permanent effects in my garden, but I could no more do without annuals than I could do without the spices and the condiments at the table.

Of the kinds of annuals there is almost no end. This does not mean that all are equally good. For myself I like to make the bold effects with a few of the old profuse and reliable kinds. I like whole masses and clouds of them. Then the other kinds I like to grow in smaller areas at one side, in a half experimental way. There is no need of trying to grow equal quantities of all.

For the main and bold effects I want something that I can depend on. There I do not want to experiment. Never fill a conspicuous place with a kind of plant you have never grown.

The kinds I like best are the ones easiest to grow. Zinnia, Petunia, Marigold, Four O'Clock, Sunflower, Phlox, Scabiosa, Sweet Sultan, Bachelor's Button, Verbena, Calendula, Calliopsis, Morning-glory, Nasturtium, Sweet Pea,—these are some of the kinds that are surest. I do not know where the investment of five cents will bring as great reward as in a packet of seeds of any of these plants.

Make the soil rich and fine and soft and deep, just as you would for radishes or onions. There are some plants for which the soil can be made too rich, of course, but most persons do not err in this direction. The finer and more broken down the manure the better. Spade it in. Mix it thoroughly with the soil. If the soil is clay-like, see that fine manure is thoroughly mixed with the surface layer to prevent "baking."

First and last, I have grown practically every annual offered in the American trade. It is surprising how few of the uncommon or little-known sorts really have great merit for general purposes. There is nothing yet to take the place of the old-time groups, such as Amaranths, Zinnias, Calendulas, Daturas, Balsams, Annual Pinks, Candytufts, Bachelor's Buttons, Wallflower, Larkspurs, Petunias, Gaillardias, Snapdragons, Cockscorns, Lobelias, Coreopsis or Calliopsis, California Poppies,

Four O'Clock, Sweet Sultans, Phloxes, Mignonettes, Scabiosas, Nasturtiums, Marigolds, China Asters, Salpiglossis, Nicotianas, Pansies, Portulacas, Castor Beans, Poppies, Sunflowers, Verbenas, Stocks, Alyssums, and such good old running plants as Scarlet Runners, Sweet Peas, Convolvuluses, Ipomeas, Nasturtiums, Balloon Vines, Cobæas, etc.

For bold mass-displays of color in the rear parts of the grounds or along the borders, some of the coarser species are desirable. My own favorites for such use are: Sunflower and Castor Bean for the back rows; Zinnias for bright effects in the scarlets and lilacs; African Marigolds for brilliant yellows; Nicotianas for whites; Larkspurs for blues.

For lower-growing and less gross mass-displays, the following are good: California Poppies for oranges and yellows; Sweet Sultans for purples, whites and pale yellows; Petunias for purples, violets and whites; Bachelor's Buttons (or Cornflowers) for Blues; Calliopsis and Coreopsis and Calendulas for yellows; Gaillardias for red-yellows; China Asters for many colors.

For still less robustness good mass-displays can be made with the following: Alyssums and Candytufts for whites; Phloxes for whites and various pinks and reds; Lobelias and Browallias for blues; Pinks for whites and various shades of pink; Stocks for whites and reds; Wallflowers for brown-yellows; Verbenas for many colors.

If flowers of any annual are wanted extra early, the seeds should be started indoors.

A number of the very late-flowering annuals should also be started indoors for best success in the northern States, as, for example, the Moonflowers and the tall-growing kinds of Cosmos.

Of late years there has been a strong movement to introduce the hardy perennials into general cultivation. This is certainly to be encouraged everywhere, since it adds a feeling of permanency and purposefulness that is needed in American gardens. Yet I should be sorry if this movement were to obscure the importance of the annuals.

Raising Hardy Perennials from Seed

Written expressly for this book by Mr. Wm. Falconer, of Pittsburgh.

Hardy perennials are easily grown from seed. In many cases they are a little slower than annuals, but with intelligent care they are successfully raised and from seed is an excellent way to get up a big stock of perennials in a short time. Many perennials, if sown in spring, bloom the first year from seed as freely as annuals. Others wait a year; that is, if sown this year they don't bloom until next year.

The seeds may be sown in spring or in summer. In spring the sowings may be made in the window, the hot bed, the cold frame, the greenhouse or in the open ground out of doors. In the window prepare pots or flower-pans or small, shallow wooden boxes or flats; fill to one-third their depth with fine broken cinders or broken pots, and over this place a thin layer of moss, chopped straw or rough siftings from the soil to keep the dirt from clogging the drainage; then fill up until within one-half or three-quarters inches of the brim with fine, free, mellow soil, with thin layer of very fine soil over it. Tamp the pot on table to firm the soil a little. Now sow the seed evenly, and shake a very little fine soil over it; press it all over with the back of the hand or a board, then water gently through a fine spray or rose; this done strew a little fine earth over all. In the case of very fine seeds covering only enough to hide the seed is plenty, but Pinks, Gaillardias and other rougher seeded sorts one-eighth inch deep of covering may be given. Keep the seed pots in a warm, sunny window, but shaded with a thin curtain from drying sunshine. A sheet of paper laid over the pot at this time prevents over-drying, but when the sunshine passes, take off the paper, else damp or mold will set in. A pane of glass laid over the pots or flats until germination appears is an excellent preservative of the moisture in the soil, but always tilt it up at one side one-eighth of an inch or more. When the

seedlings come up, give them more light by keeping them close to the glass, and before they overcrowd one another or become spindly transplant them into other pots or flats, three-quarters or one inch apart from one another, according to their size and strength. As the weather gets mild, by placing the seedlings in a cool and airier place, as on the porch or a sheltered place out of doors, they become fairly inured to the open weather, and when they are large enough for final transplanting set them out in the garden.

The amateur may have more success and less bother growing hardy perennials from seeds sown in the open ground than in any other way. Prepare a bed in a nice, warm, sheltered spot in the garden, preferably not very sunny; let the surface of the bed be raised four or five inches above the general level, and the soil be a mellow, free, fine earth on the surface. Draw shallow rows across the surface of the bed, three to four inches apart, and here sow the seed, keeping the varieties of one kind or nature as much together as practicable; cover the seeds thinly, press the whole surface gently, water moderately, then dust a little fine, loose soil over all. If the weather is sunny or windy, shade with papers or a few branches, but remove these in the evening. When the seedlings come up thin them out to stiffen those that are left, and when they are two or three inches high, they are fit for transplanting into permanent quarters. All this should be done in early spring, say March, April or May, or in warmer localities a month earlier.

Again in July or August perennials are very easily raised out of doors, and much in the same way as above. Transplant these seedlings in late August or early September to get well-rooted stocky plants before winter sets in.

NOVELTIES AND SPECIALTIES IN Flower Seeds for 1917

The majority of the Flower Seed Novelties and Specialties offered on this and the following nine pages have been thoroughly tested in our trial grounds. Others have been received from most reliable growers, and the descriptions are those of the introducers.

For General List of Flower Seeds see pages 63 to 118.

Dreer's Superb Antirrhinums, or Snapdragons.

Within the past few years Snapdragons have become immensely popular. This is not to be wondered at, as whether used for cutting or for show in the garden, they are one of the most valuable flowers which can readily be grown from seed.

DREER'S GIANT SNAPDRAGONS.

This strain is a great improvement over the old tall-growing variety, being of stronger habit and producing longer spikes and much larger individual flowers; grows about 3 feet high and exceedingly valuable for cutting.

PER PKT.

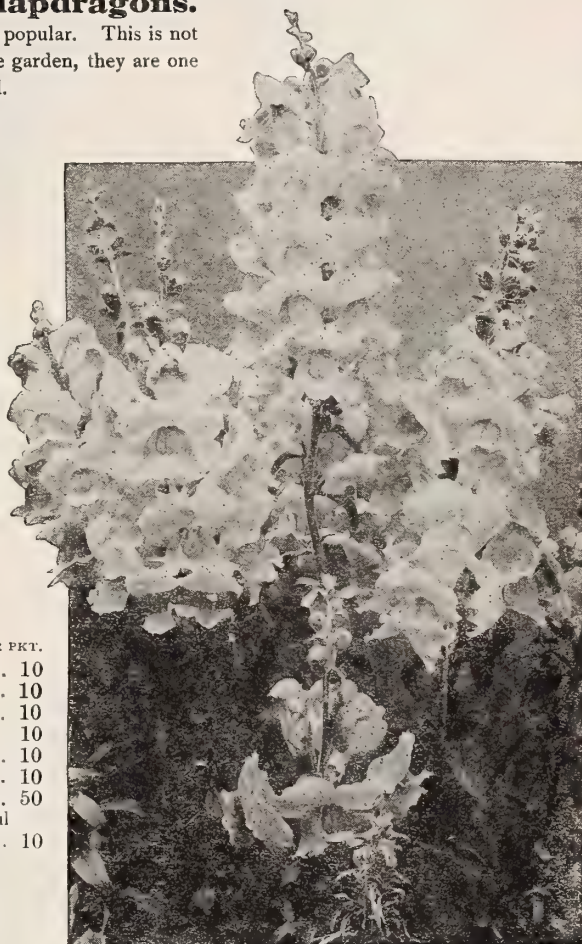
1171	Giant Scarlet.	Bright and fiery.	10
1172	White.	Pure white.	10
1173	Yellow.	Rich yellow.	10
1174	Garnet.	Rich deep color.	10
1175	Pink.	Silver Pink.	10
1176	Rose.	Rich rose.	10
1179	Collection of a packet each of the above 6 colors.		50
1180	Giant Mixed.	A splendid mixture, containing all the colors.	10
		$\frac{1}{4}$ oz., 25 cts.	

Dreer's Large-flowering Half-Dwarf Snapdragons.

This type has spikes and flowers of good size, and, owing to their dwarf and compact habit of growth, are better adapted for bedding purposes. They grow about 18 inches high, and the mass of bloom which they produce from early until late in the season is really phenomenal.

PER PKT.

1162	Daphne.	Soft blush-pink.	10
1163	Defiance.	Orange or russet-red.	10
1164	Golden Queen.	Rich, pure yellow.	10
1165	Firebrand.	Rich, deep red.	10
1166	Rose Queen.	Rich rose.	10
1167	Mont Blanc.	Pure white.	10
1169	Collection of a packet each of above 6 sorts.		50
1170	Half-dwarf Mixed.	Large range of many beautiful colors.	10
		$\frac{1}{4}$ oz., 25 cts.	



DREER'S ANTIRRHINUMS

ALYSSUM LILAC QUEEN.

1100 We offered this a few years ago, but dropped it from our list as we did not think the color was deep enough to form a contrast with the popular white sorts. By careful selection it has been greatly improved, and the stock we now offer has been saved from plants that were a deep lavender-lilac, a really pretty color, either alone or in conjunction with the white sorts. It is of dwarf compact habit, and with all the free and long blooming merits of the regular Sweet Alyssum. 10 cts. per pkt.

Dreer's Long-spurred Hybrid Aquilegias, or Columbines.

1206 This beautiful strain of Columbines comprises new and pleasing shades and combinations, ranging through all the shades of lavender, blue, mauve, white, yellow, orange, scarlet and bright rose-pink. The plants are perfectly hardy. Shown in colors on plate facing page 200. 15 cts. per pkt.; 2 pkts., 25 cts.

ARGEMONE (Mexican or Prickly Poppy).

1220 **Hybrida Grandiflora.** While not new this is seldom offered. The plants form sturdy bushes about 3 feet high, with very ornamental pale-green, spiny foliage, with clear, silvery midrib and veins and poppy-like flowers, over 3 inches across, in various shades from rich yellow to creamy white. A very pretty and ornamental plant in or out of bloom. 15 cts. per pkt.; 2 pkts. for 25 cts.



LONG-SPURRED HYBRID AQUILEGIA

THE CARDINAL CLIMBER

(*Ipomœa Quamoclit Hybrida.*)

Illustrated in colors on the Plate opposite.

2158 We named and introduced this glorious and absolutely distinct annual climber in 1912. It is the result of a cross between *Ipomœa Quamoclit* the Cypress Vine and *Ipomœa Coccinea* the Star Glory, and we consider it the most beautiful and brilliant annual climber ever sent out. It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful, fern-like, lacinated foliage, and literally covered with a blaze of circular fiery cardinal-red flowers from mid-summer till frost. The flowers are about $1\frac{1}{2}$ inches in diameter, and are borne in clusters of 5 to 7 blossoms each, and wherever it has been grown has attracted more attention and favorable comment than any other plant in the garden. Like other *Ipomœas*, it delights in a warm, sunny situation and good soil. The seed may be started indoors in March or April in a temperature of not less than 70 degrees and the plants set out when the weather gets warm, but it is just as well to wait until the weather gets warm and settled and then sow out of doors. In either case germination will be hastened and also made more certain by filing or cutting a small notch in each seed. They are likely to germinate poorly unless this precaution is taken. If sown in cold, wet ground the seed is liable to rot.

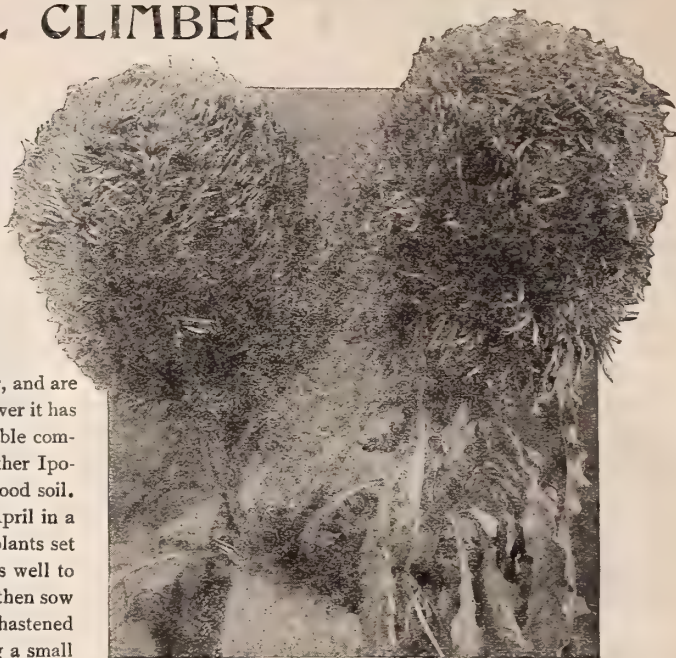
Packets containing about 20 seeds each, 15 cts.; 2 pkts., 25 cts.

Double-flowering Cup-and-Saucer Canterbury Bells.

1734 A new race of this much-prized Hardy Biennial from a celebrated French Hybridizer. The double blossoms appear like three flowers placed one inside the other. These are produced freely and in all the colors found in the various varieties of Canterbury Bells. About one-half of the seedlings may be expected to come true to type. 25 cts. per pkt.



DOUBLE BLUE CORNFLOWER



CHINESE WOOLFLOWER (*Celosia Childsi*)

CHINESE WOOLFLOWER.

(*Celosia Childsi.*)

1865 This is a unique form of the feathered Cockscomb, growing two to three feet high, by as much through, each branch terminated with a large head of rich crimson flowers that look as if made out of some silky-wool material, and which are nicely shown in our illustration. Not only effective in beds or borders but highly interesting and valuable for cutting, as they can be dried, and retain their bright color for weeks. 25 cts. per pkt.; 5 pkts., \$1.00.

DOUBLE BLUE CORNFLOWER.

1881 This was introduced by us in 1907, and since then has steadily gained in popular favor, until now it must be considered one of the leading annuals. It is identical in color to the popular single blue Cornflower, which is so much in demand for cutting, especially for buttonieres; but being a full double flower it takes fewer of them to make a nice bunch, and it is better in every way. The plants form nice symmetrical bushes about 18 inches high. 15 cts. per pkt.; 2 pkts., 25 cts.; 50 cts. per $\frac{1}{4}$ oz.

DOUBLE EARLY-FLOWERING CHRYSANTHEMUMS.

1945 A new race of the Fall-flowering Chrysanthemum, which perfect their blooms in the open ground before frost. Easily grown from seed which may be expected to produce at least 75 per cent. of double-flowering plants in a large range of colors; quite hardy if given slight protection and grown in a well-drained position. 25 cts. per pkt.

Giant Double Decorative Dahlia.

2197 Our supply of this novelty comes from a famous French hybridizer who states that it has been saved from a superb collection containing a very varied range of colors with flowers frequently 8 inches across, retaining their graceful form notwithstanding their enormous dimensions. 25 cts. per pkt.

CARDINAL
CLIMBER
(*Ipomoea quamoclit hybrida*)

This beautiful Annual Climber
Named and introduced
by
HENRY A. DREER
PHILADELPHIA



Crego's Giant

Dreer's Peerless Pink

Rose King

Three of
DREER'S
Famous American
ASTERS

SIX FAMOUS AMERICAN ASTERS

(Three sorts illustrated on plate opposite.)

While we offer this season on pages 67 to 70 over fifty distinct varieties and colors of American Asters, all of which have been grown under our personal supervision and which cannot be excelled for quality, we have again selected the following six sorts to offer as a collection, which embraces several distinct types and colors, which we feel sure will, on account of their free growth, profuse flowering, large size and general excellence, give entire satisfaction to the most critical growers of this popular flower.

1281 Crego's Giant White. We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers 5 inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type. The form of the flower is well shown in the illustration on the plate opposite.

1282 Crego's Giant Pink. Identical in every way to the white offered and described above, except in color, which is a beautiful soft shell-pink.

1305 Dreer's Crimson Giant. A late-branching variety of upright growth with extra large, densely double flowers of rich blood-crimson; makes a brilliant bed or border and is splendid for cutting.

1437 Rose King. A very distinct and desirable sort, with large, handsome double-quilled flowers of a brilliant rose color. A great favorite for cutting with commercial florists, lasting in perfect condition for a long time. Illustrated on the plate opposite.

1393 Dreer's Peerless Pink. This is conceded to be the finest pink late-branching Aster ever offered. The plants are of robust free-branching habit, 24 to 30 inches high, bearing their magnificent blooms on strong stems averaging 18 inches in length, and it is hard to find a flower under 4 inches across, and many measure 5 inches by 2½ in depth, forming an almost globular flower. The color is a rich shell-pink and comes into bloom about the middle of August, being at its best during the early part of September, and continuing in good condition well into October. Illustrated on the plate opposite.

1482 Violet King. Similar in habit and time of flowering to our superb late-branching sorts, and of the same strong, free-branching growth, with very double, slightly quilled flowers of a pleasing soft shade of violet.

Price. Any of the above, 15 cts. per pkt.; 2 pkts. for 25 cts.

1338 Collection of a packet each of the Six Famous American Asters, 65 cts.



TYPICAL FLOWER OF
DREER'S SUPERB LATE-BRANCHING ASTER

Dreer's Superb Late-Branching Asters

This superb strain, of American origin and especially adapted to our climatic conditions, has long been one of our leading specialties, extraordinary care being given each season to the selection of the very finest specimens for stock seed, resulting in a strain that is acknowledged by the leading growers as unsurpassed.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers, which, under ordinary cultivation, average 5 inches across. The form of the flowers, which is nicely shown in the illustration, together with the length of the stems, places them at the head of Asters for cutting. They come into bloom from two to three weeks after the average type, usually being at their best during September and October, and filling in the gap between the general run of Asters and Chrysanthemums, and if only one variety of Asters is wanted, we recommend this type as the most likely to give the greatest satisfaction. We offer eight beautiful and distinct colors as under:

	PER ¼ OZ.	PER PKT.		PER ¼ OZ.	PER PKT.
1451 Azure-blue. A deep rich lavender.	60	10	1456 Deep Purple. A rich, royal shade.	60	10
1452 Deep Crimson. Rich and glowing.	60	10	1457 Rose-Pink. A lovely shade.	60	10
1453 Deep Rose. Distinct and fine.	60	10	1461 Shell-Pink. Soft and dainty.	60	10
1455 Pale Lavender. Exquisite grayish-blue.	60	10	1467 Pure White. Perfect in its purity.	60	10
1469 Collection containing a packet each of the above 8 colors, 60 cts.					
1470 Finest Mixed. All the colors mixed. 10 per pkt.; 50 cts. per ¼ oz.					



ROYAL ASTER

ENCHANTRESS ASTER.

1348 A very desirable mid-season sort of upright, bushy habit about 18 inches high and bearing large, very double almost globular wide petalled flowers of the soft delicate pink color peculiar to the popular Enchantress Carnation. 15 cts. per pkt.; 2 pkts. 25 cts.



ENCHANTRESS ASTER

ROYAL ASTERS.

A recently developed type that might briefly be described as an early flowering form of our Superb Late Branching variety, having all the good qualities of the latter, but coming into bloom in July or early August, and lasting in perfect condition for a long time. The habit of the plants and their free-flowering make them very desirable for beds or borders, while their long-stemmed flowers are ideal for cutting. We offer six beautiful and distinct colors.

PER PKT.

- | | | | |
|------|--------------------|-------------------------------------|----|
| 1412 | Lavender. | Soft lavender-violet..... | 15 |
| 1413 | Purple. | Rich, deep violet-purple..... | 15 |
| 1414 | Rich Rose. | A bright color..... | 15 |
| 1415 | Rose-Pink. | Very pretty, shaded white at centre | 15 |
| 1416 | Shell-Pink. | Very delicate..... | 15 |
| 1417 | White. | Purest white..... | 15 |
| 1419 | Collection | of a packet each of the six colors | 75 |
| 1420 | Mixed. | Containing all of the colors..... | 10 |

**NEW RED ASTER
"SENSATION."**

1442 This is the reddest of all Red Asters, the color being a rich garnet or ox blood red which glistens in the sunshine like a live coal. The plants are of free-branching habit, about 18 inches high; the very double flowers, averaging 3½ inches across, are borne freely on stems a foot long from early in August till the close of September. The intense color shows up well when cut; and makes a very brilliant bit of color in a bed or border. 15 cts. per pkt.; 2 pkts., 25 cts.

ASTERMUM ASTERS.

A strain of Comet Asters which on account of their size and Chrysanthemum-like appearance, have appropriately been named Astermums. The plants grow about 2 feet high, and come into bloom a little earlier than the Crego's Giant. We offer three fine colors, as under:

- 1261 **Lavender.** A rich shade of lavender or light violet.
 1262 **Pink.** A very attractive shade of lively rose-pink.
 1263 **White.** Purest snow-white.

Price. 15 cts. per pkt.; a packet of each color for 35 cts.

NEW RED
ASTER
SENSATION

NEW DOUBLE-FLOWERING COSMOS.

Some years since a few individual plants of *Cosmos* showed evidence of producing double flowers, but it has taken a great deal of care and patience to perfect the strain now offered. The flowers vary considerably in their degree of doubleness, some being absolutely double, while others, like those shown in our illustration, have a frill or collar surrounding the double disc., and while we think this is the most artistic, they are beautiful in either form. The plants have somewhat heavier, less cut foliage than the regular single flowering type, so that the fact that they will produce double flowers can be determined when the seedlings are quite small. We offer two colors, viz:

2101 **Double Pink.** A very pretty rosy-pink. 25 cts. per pkt.

2102 **Double White.** Pure glistening white. 25 cts. per pkt.

A packet of each color for 40 cts.

Gigantic-flowering Cosmos ("Lady Lenox.")

This is the latest development in this popular Autumn flower, of strong, vigorous growth and bearing gigantic flowers with wide overlapping petals of splendid substance, making a perfectly circular flower, borne on very long stems. We offer two colors, viz:

2084 **Giant Pink Lady Lenox.** Deep rosy-pink.

2085 **Giant White Lady Lenox.** Pure glistening white.

Price, either of the above, 10 cts. per pkt.; 30 cts. per $\frac{1}{4}$ oz.

New California Poppies.

(*Eschscholtzia*.)

The various varieties of *Eschscholtzia* which we offer on page 87 are among the most popular Summer flowering annuals, and the two new sorts here offered are, on account of their brilliant coloring, sure to become standard sorts.

2424 **Geisha.** The prettily fluted or ruffled petals are a bright glistening scarlet on the outside, while the inside is rich golden orange, a most brilliant Oriental color combination. 15 cts. per pkt.; 2 pkts., 25 cts.

2427 **Vesuvius.** In this variety the color is the same on both sides of the petals, a rich Wallflower or coppery-red which glistens in the sun like molten metal. 15 cts. per pkt.; 2 pkts., 25 cts.



NEW DOUBLE-FLOWERING COSMOS



ESCHSCHOLTZIAS OR CALIFORNIA POPPIES

NEW HYBRID DELPHINIUMS.

(Hardy Larkspurs.)

The magnificent Hybrid Hardy Larkspurs offered below represent the finest varieties of a famous English collection; and although you cannot depend upon them coming strictly true to name, yet you may rely upon getting flowers of largest size and equal to the varieties from which the seed has been saved. For list of standard sorts see page 83.

2218 **Belladonna.** The freest and most continuous blooming of all. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower.

2221 **Cory.** A striking variety with large circular flowers of beautiful Forget-me-not blue with bold white eye.

2224 **Duke of Connaught.** Rich oxford-blue, with a bold white eye.

2241 **King of Delphiniums.** A magnificent variety with massive spikes, well set with semi-double flowers 2 inches or more across. Color rich gentian-blue with a very conspicuous white centre.

2244 **Lizzie.** Lovely azure-blue with bold yellowish eye.

2246 **Queen Wilhelmina.** Immense flowers of a soft lavender-blue, flushed rose, with a very conspicuous white eye.

Price. Any of the above, 25 cts. per pkt.

2249 **Collection** of a packet each of the above 6 Grand Delphiniums, \$1.25.

NEW GIANT-FLOWERING
MARSHMALLOW**GAILLARDIA GRANDIFLORA.
COPPER-RED.**

2505 *Gaillardia grandiflora* is justly considered one of the best and showiest hardy perennials, and we feel sure this striking new color will add to the popularity of the genus, it being a brilliant coppery-red throughout, toning somewhat lighter at the tips of the petals; flowers of largest size; and having all the good qualities of the type. 20 cts. per pkt; 3 pkts. for 50 cts.

Double-Flowering BABY'S BREATH.

(Gypsophila paniculata fl. pl.)

2695 One of the most important hardy perennials of recent introduction. The plant grows from 3 to 3½ feet high, bearing its pretty little double white flowers in much-branched panicles, which, when cut, can be used to great advantage with other flowers or by themselves, as they retain their beauty for months. It is also a most desirable addition to the hardy border. 20 cts. per pkt.; 3 pkts., 50 cts.

HELIOPSIS SCABRA ZINNIAEFLORA.

2732 A new double-flowering form of the hardy perennial Orange Sunflower, growing 2 feet high and bearing golden-yellow Zinnia-like flowers during the summer months. In addition to being a very showy plant in the hardy border, it is one of the best perennials for cutting. 15 cts. per pkt.; 2 pkts., 25 cts.

New Giant-Flowering Marshmallows.

(Hibiscus.)

2775 A wonderfully improved form of our greatly admired native Marshmallow, or Rosemallow, in which flowers of enormous size, frequently 10 to 12 inches in diameter, have been developed. The colorings have also been greatly intensified, comprising rich dark red, soft mallow-pink and pure white; the plants grow from 5 to 8 feet high and are very floriferous, blooming from early in July until late in autumn; can be recommended for plantings of all kinds, and are perfectly hardy. The seed we offer has been saved from our own plants, and if sown early will produce plants that will flower the first year. 10 cts. per pkt.; 25 cts. per ½ oz.

**NEW DOUBLE HOLLYHOCK
"NEWPORT PINK."**

2791 A charming variety that originated in one of the famous gardens at Newport, R. I. It produces stately spikes of very double rosette-like flowers of pure pink, a shade that is always in demand. The seed of this variety is quite distinct, being much smaller than those of other colors. Received an Award of Merit from the Royal Horticultural Society of England, July, 1912. 15 cts. per pkt.; 50 cts. per ½ oz.

NEW HYBRID**HARDY LUPINES.**

(Lupinus Polyphyllus Hybridus.)

3060 These are the result of many years of careful crossing and selecting by a celebrated English specialist, and in addition to the usual blue, white and rose colors, contains many unusual lilac, pink, purple, yellow and other tints. This strain received an Award of Merit from the Royal Horticultural Society of England, and we consider them one of the most important novelties of theseason. 25 cts. per pkt.; 5 pkts. for \$1.00.



NEWPORT PINK HOLLYHOCK

Two Magnificent Marigolds.

The two varieties offered below are grown for us by a specialist and are without doubt the very finest of the large flowering African type, and grow almost 2½ feet high, bearing in continuous succession from early summer till hard frost, large and perfectly double flowers.

3084 **Orange Prince.** Flowers very large, of a deep golden orange. 15 cts. per pkt.; 50 cts. per ¼ oz.

3085 **Lemon Queen.** Immense double flowers, in color a soft lemon-yellow, making a fine contrast to the rich orange of the preceding. 15 cts. per pkt.; 50 cts. per ¼ oz.

One pkt. each of the above for 25 cts.

Invincible Giant Polyanthus.

3677 A magnificent strain of this perfectly hardy and easily-grown spring-flowering Primrose, representing the work of twenty-five years of painstaking cross-breeding and selection by a Scotch specialist. Of strong sturdy habit, and bearing immense trusses of large flowers on self-supporting stems 10 to 16 inches in length. Undoubtedly the finest strain in cultivation, containing all colors from purest white to the richest crimson. 25 cts. per pkt.; 5 pkts., \$1.00.

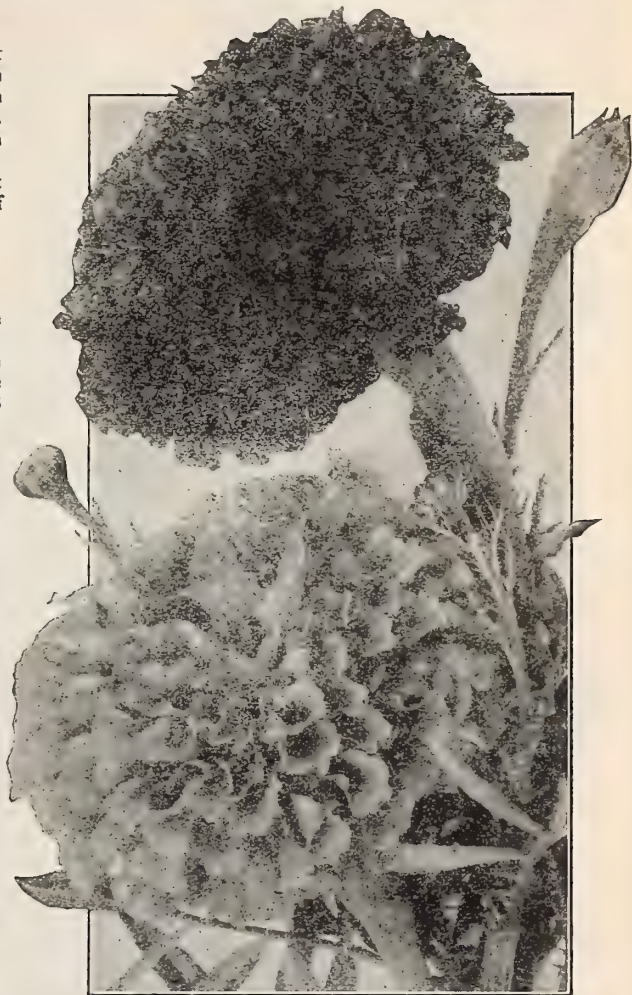
Pyrethrum Uliginosum Stellatum.

(Starry Giant Daisy.)

3851 This new variety, which originated in our Nursery, is a greatly improved form of the Giant Daisy, and, like its parent, has flowers of glistening white, but fully one-half larger, with long, narrow petals, forming a much more graceful and refined flower. The best and most useful Daisy for cutting during August and September. 15 cts. per pkt.; 2 pkts., 25 cts.



PYRETHRUM ULIGINOSUM
STELLATUM



ORANGE PRINCE AND LEMON QUEEN MARIGOLD

New White Oriental Poppy.

3743 This valuable novelty was offered in seed form for the first time last spring, and had a tremendous sale. We have again secured from the originator his entire stock of seed, and it is almost certain that everyone interested in hardy plants will want to grow it.

It is the most distinct "break" that has yet been made in Oriental poppies, it being a pure satiny white with a bold crimson blotch at the base of each petal, unquestionably a most important addition to the list of hardy perennials.

Like most hybrids the seedlings are liable to vary somewhat in color, but a good percentage can confidently be expected to come true. 25 cts. per pkt.

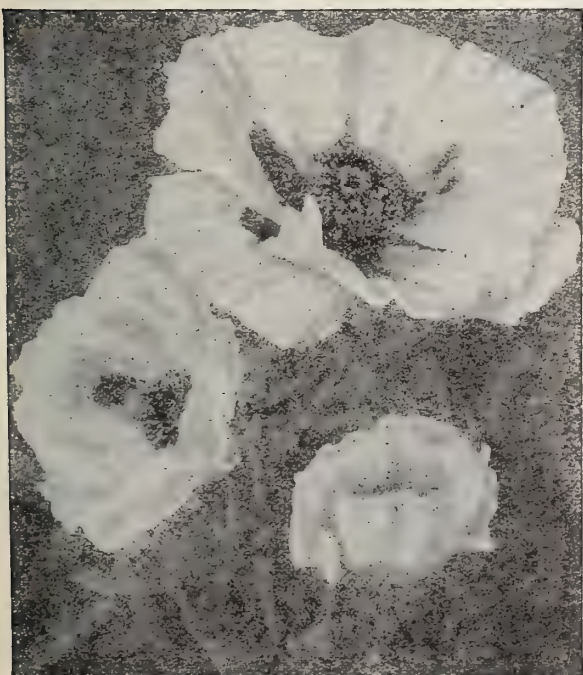
New Hybrid Iceland Poppy.

3735 This beautiful strain of these charming hardy Poppies is being improved every year, and the stock which we offer this season, will be found much finer than heretofore, containing a great number of lovely new shades of color. 15 cts. per pkt.; 2 pkts., 25 cts.

Giant Flowering Chinese Fringed Primula.

3791 This magnificent strain is quite distinct from the regular type, being of much more robust growth and producing immense trusses of extra large, finely fringed flowers in many new and novel colors; as a pot plant for the house or conservatory, this is unequalled.

35 cts. per pkt.; 3 pkts. for \$1.00.



NEW WHITE ORIENTAL POPPY



TWELVE SUPERB NEW Orchid-flowered Sweet Peas

We consider this the finest collection of newer sorts ever brought together, each one has been a prominent prize winner at the various exhibitions during 1916, and it is only a question of another season when they will take their place in the permanent list.

4077 Blue Monarch. Splendid large wavy flowers of rich navy blue. 10 cts. per pkt.; 50 cts. per oz.

4084 Constance Hinton. The most important introduction in years, of strong, vigorous growth, with enormous wavy white flowers, frequently 2½ inches across, which are borne on sprays of fours, and often fives, on long, strong stems. This variety is black seeded, which means that it is easy to germinate, and without doubt will supercede many of the other white sorts. 10 cts. per pkt.; 60 cts. per oz.

4102 Edward Cowdy. This fine new variety is considered the most brilliant and glowing scarlet yet introduced. 15 cts. per pkt.

4114 Fiery Cross. This sensational novelty was offered to the public for the first time last year. The flowers are good size and beautifully waved, but its greatest merit is its color, which is a brilliant fiery-scarlet. 15 cts. per pkt.

4127 Hercules. Almost identical in color to Countess Spencer, —a lively rose-pink—but larger in size. Very strong grower. 10 cts. per pkt.; 50 cts. per oz.

4145 King Manoel. A giant wavy-flowered lustrous maroon or deep chocolate color, a handsome, rich colored variety. 10 cts. per pkt.; 50 cts. per oz.

4152 Margaret Madison Improved. A large and perfect waved Spencer, which, on opening, is a delicate azure-blue, developing to a clear light lavender. 10 cts. per pkt.; 50 cts. per oz.

4161 New Miriam Beaver. Very dainty in coloring being a soft chamois or shell-pink shaded with apricot. Extra choice. 15 cts. per pkt.; 75 cts. per oz.

4183 Peter Blair. A striking fancy variety with flowers of huge size, orange-rose striped on a cream ground. 10 cts. per pkt.; 50 cts. per oz.

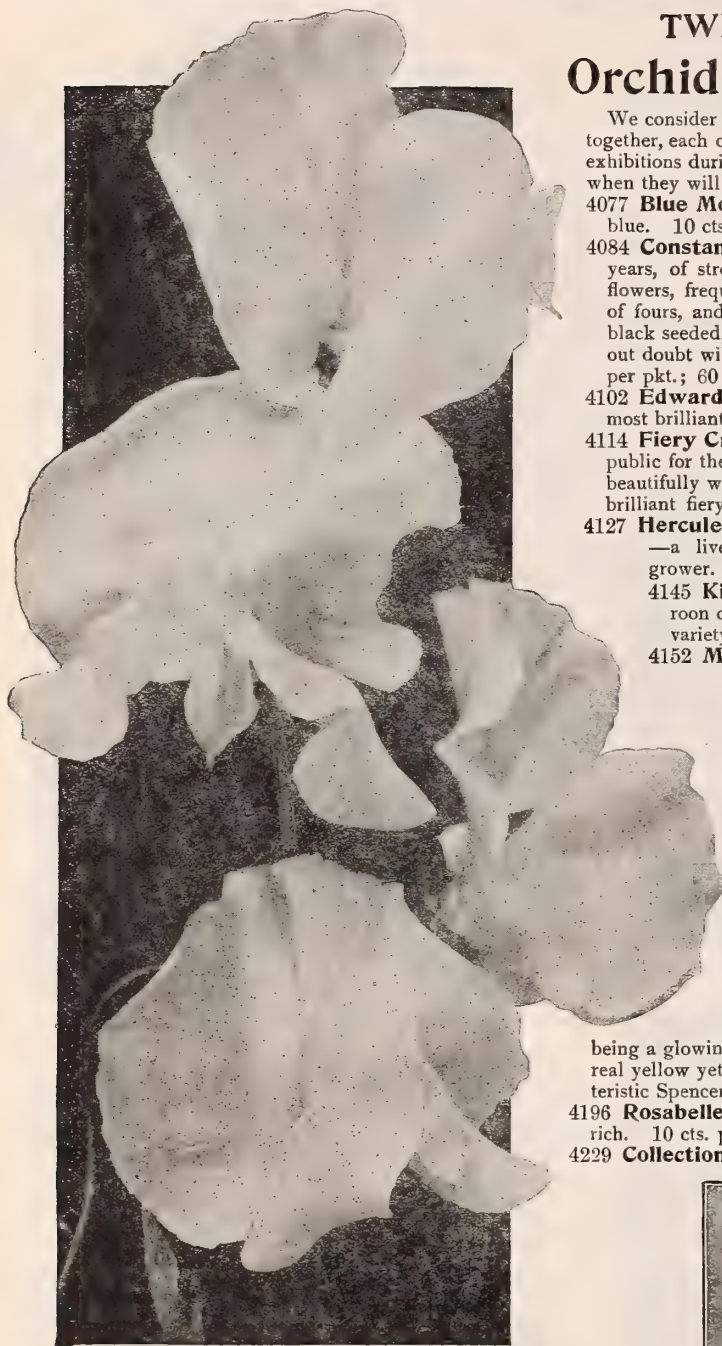
4193 R. F. Felton. Exquisite, soft lavender blue with slight suffusion of rose. A strong, free grower and flowers of largest size. 10 cts. per pkt.; 60 cts. per oz.

4194 Robert Sydenham. This grand and novel variety is considered the most distinct new color introduced in Sweet Peas to date,

being a glowing orange throughout and the nearest approach to a real yellow yet seen; a good strong grower with flowers of characteristic Spencer size and form. 10 cts. per pkt.; 60 cts. per oz.

4196 Rosabelle. The finest and largest rose colored variety. Very rich. 10 cts. per pkt.; 50 cts. per oz.

4229 Collection of a packet each of the above 12 New Sorts, \$1.00.



SPRAY OF ORCHID-FLOWERED SWEET PEA

New Scarlet Sage "Globe of Fire."

3936 We have in the last few years tested over a score of varieties of Scarlet Sage and believed that the sorts which we offer on page 110 covered the most desirable. In this new variety, which was grown at our Locust Farm Nursery the past two seasons, and which was easily the most brilliant bit of color among the acres of flowers grown there, we have what is undoubtedly the earliest, freest and most continuous bloomer of all and, what is still more important, the most uniform in habit of growth; the bushy plants do not grow over 15 inches high with the spikes of brilliant scarlet flowers thrown well above the plant, making a total height of about 2 feet, and in the lines, several hundred feet in length, there was not a variation of an inch in the height of any plant, the importance of this uniformity will be appreciated by those who use Scarlet Sage for beds or borders.

25 cts. per pkt.; 5 pkts., \$1.00.

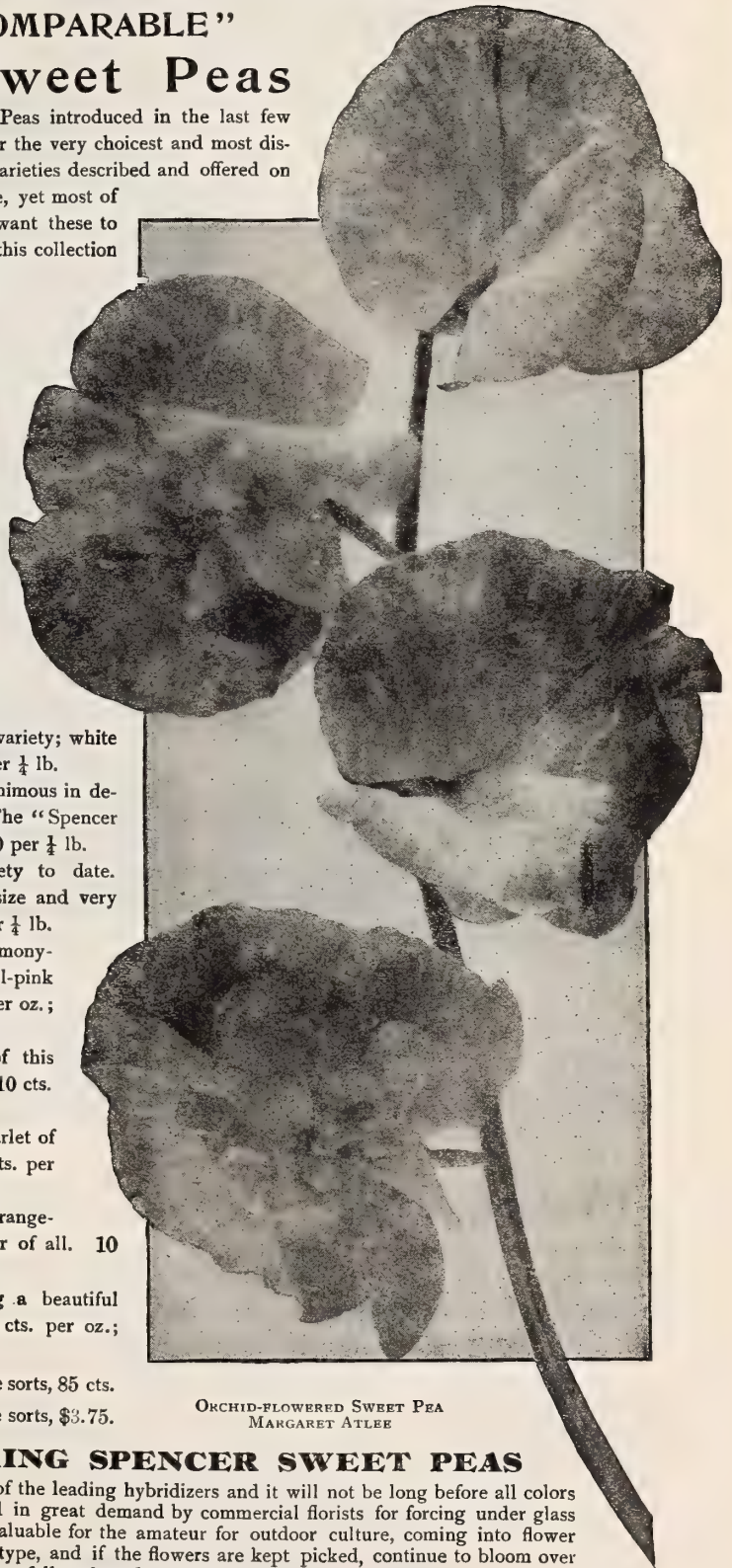


SALVIA GLOBE OF FIRE

DREER'S TWELVE "INCOMPARABLE" Orchid-flowered Sweet Peas

Of the hundreds of Orchid-flowered or Spencer Sweet Peas introduced in the last few years, we offer this season thirty-eight of what we consider the very choicest and most distinct varieties, and while we fully recommend all of the varieties described and offered on page 113, as well as the newer kinds on the opposite page, yet most of our customers only wish a limited number of sorts, but want these to be the very best, and it is with this in mind that we offer this collection of Twelve Incomparable sorts described below, each one of which is a leader in its respective color, and which is sure to give entire satisfaction.

- 4086 **Countess Spencer.** The original of the Orchid-flowered type and still one of the best. Color is a lively rose-pink, shading deeper at the edges. 10 cts. per pkt.; 25 cts. per oz.; 75 cts. per $\frac{1}{4}$ lb.
- 4095 **Dobbie's Cream.** The finest primrose-yellow yet introduced; splendid in every way. 10 cts. per pkt.; 30 cts. per oz.; \$1.00 per $\frac{1}{4}$ lb.
- 4108 **Elfrida Pearson.** This is by far the largest and finest light pink variety. Flowers of enormous size and very wavy. 10 cts. per pkt.; 30 cts. per oz.; \$1.00 per $\frac{1}{4}$ lb.
- 4117 **Florence Nightingale.** Nothing yet introduced in lavender Sweet Peas excels this beautiful sort. 10 cts. per pkt.; 30 cts. per oz.; \$1.00 per $\frac{1}{4}$ lb.
- 4147 **King White.** The largest, finest and purest white variety; white seeded. 10 cts. per pkt.; 50 cts. per oz.; \$1.50 per $\frac{1}{4}$ lb.
- 4151 **Margaret Atlee.** The leading experts are unanimous in declaring this to be the finest rich pink Sweet Pea. The "Spencer Supreme." 10 cts. per pkt.; 50 cts. per oz.; \$1.50 per $\frac{1}{4}$ lb.
- 4154 **Mrs. Cuthbertson.** The finest bicolor variety to date. Standards rose pink, wings blush-white, of huge size and very wavy. 10 cts. per pkt.; 25 cts. per oz.; 75 cts. per $\frac{1}{4}$ lb.
- 4156 **Mrs. Hugh Dickson.** A charming tone of salmony-pink on a cream ground, producing a soft sea-shell-pink that is truly exquisite. 10 cts. per pkt.; 25 cts. per oz.; 75 cts. per $\frac{1}{4}$ lb.
- 4198 **Royal Purple.** The rich royal purple color of this beautiful variety always attracts great attention. 10 cts. per pkt.; 75 cts. per oz.
- 4202 **Scarlet Emperor.** A most brilliant rich, deep scarlet of largest size and beautifully waved; extra fine. 10 cts. per pkt.; 50 cts. per oz.; \$1.50 per $\frac{1}{4}$ lb.
- 4214 **Thomas Stevenson.** The brilliancy of the orange-scarlet of this variety make it the most striking color of all. 10 cts. per pkt.; 25 cts. per oz.; 75 cts. per $\frac{1}{4}$ lb.
- 4222 **Wedgwood.** Very appropriately named, being a beautiful Wedgwood or silvery blue. 10 cts. per pkt.; 50 cts. per oz.; \$1.50 per $\frac{1}{4}$ lb.
- 4218 **Collection** of a packet each of the 12 Incomparable sorts, 85 cts.
- 4219 **Collection** of 1 ounce each of the 12 Incomparable sorts, \$3.75.



ORCHID-FLOWERED SWEET PEA
MARGARET ATLEE

EARLY AND LONG-FLOWERING SPENCER SWEET PEAS

This new type is receiving great attention at the hands of the leading hybridizers and it will not be long before all colors will be represented. They are already very popular and in great demand by commercial florists for forcing under glass for Winter and early Spring blooming, but are just as valuable for the amateur for outdoor culture, coming into flower five or six weeks earlier than the regular orchid-flowered type, and if the flowers are kept picked, continue to bloom over a period of nearly four months. We offer the following carefully selected varieties:

- 4271 **Early Mrs. Sim.** A beautiful salmony pink. 25 c. per pkt.
- 4272 **Early Mrs. Skach.** Rich deep pink. 25 cts. per pkt.
- 4273 **Early Red Orchid.** Beautiful rosy crimson. 25 c. per pkt.
- 4274 **Early White Orchid.** Pure white. 25 cts. per pkt.
- 4275 **Yarrawa.** Famous bright rose-pink Australian early flowering variety. Flowers beautifully waved and large 15c. pkt.
- 4276 **Early Orchid Mixed.** A splendid mixture containing a fine range of colors. 10 cts. per pkt.; 75 cts. per oz.
- 4277 **Collection** containing a packet of each of the above six sorts for \$1.00.

Do not overlook the Superb New Orchid-flowered Sweet Peas on opposite page

SOLANUM CILIATUM.

- 3993 This interesting variety from Porto Rico forms bushy plants about two feet high, with bright shiny prickly leaves, bearing small white flowers followed by brilliant scarlet fruits not unlike a small Tangerine Orange. These are very pretty and remain on the plants long after the leaves are fallen. Easily grown from seed, handled in the same way as Petunias or Tomatoes. 15 cts. per pkt.; 2 pkts., 25 cts.

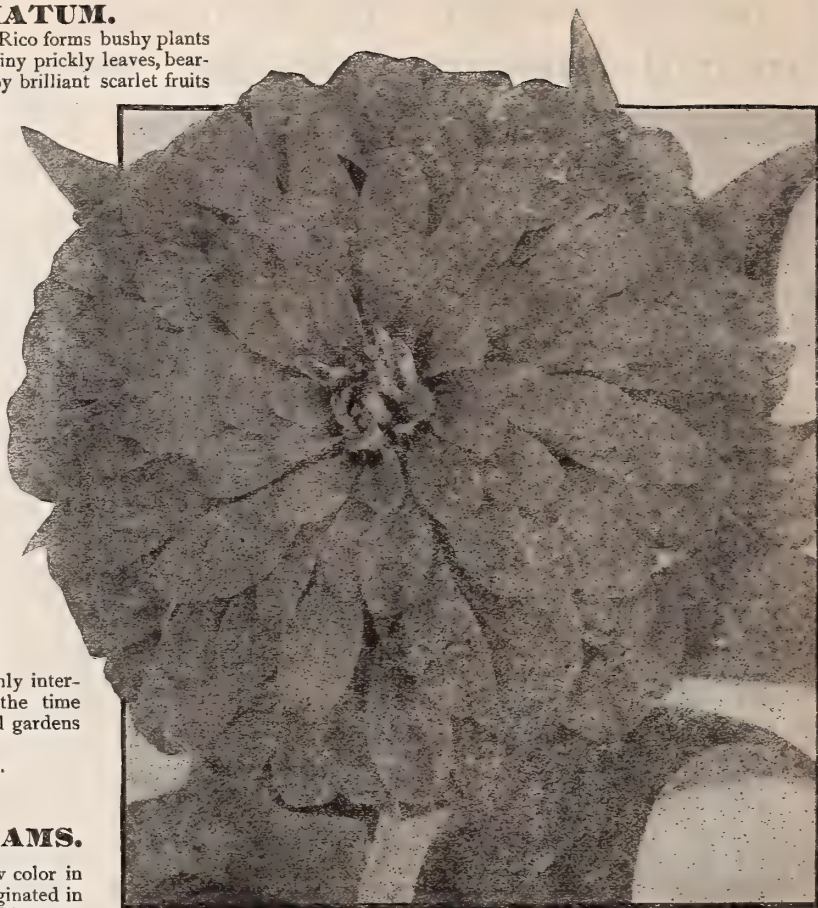
NEW COLORS OF STOKESIA.

(Cornflower Asters.)

- 4060 The blue Stokesia Cyanea, although a native of the United States, was practically unknown as a garden plant until the year 1903, when we illustrated it in colors on the cover of our Garden Book; and, as a result of our efforts, it is now one of the popular hardy perennials. Some years later, a white-flowered variety was discovered, and now we are able to offer a mixture containing a number of rose shades, white and various shades of blue and purple as well. These should prove highly interesting, and we look forward to the time when this plant will be found in all gardens in a great variety of colors. 15 cts. per pkt.; 2 pkts., 25 cts.

TWO BRILLIANT SWEET WILLIAMS.

- 4282 **Newport Pink.** A distinct new color in this favorite hardy plant, which originated in one of the far-famed gardens at Newport, R. I. In color it is what florists call watermelon-pink or salmony-rose. For mid-season mass-bedding it has no equal. Perfectly hardy. 15 cts. per pkt.; 2 pkts., 25 cts.
- 4281 **Scarlet Beauty.** A splendid companion to the brilliant salmony-pink variety Newport Pink. The color is an intense rich, deep scarlet, and a most effective plant for the old-fashioned hardy border, where this shade is very uncommon. 15 cts. per pkt.; 2 pkts., 25 cts.
- A packet of each of above 25 cts.



GIANT DOUBLE ZINNIA. (Two-thirds natural size)

RAINBOW CORN (Zea Japonica Variegata).

- 2662 As an ornamental foliage plant this is not only highly effective, but very interesting. It grows about five feet high, quite bushy, the wonderfully variegated leaves being striped with bright green, silvery white, rosy-purple, and sulphur yellow. It makes a very pretty dividing line between the vegetable and flower garden, or it may be used in the mixed border. 15 cts. per pkt.; 2 pkts. for 25 cts.

Dreer's Special Strain Giant Double Zinnias

A special strain of this grand old favorite free and continuous flowering annual, which produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. Plants are of extremely robust habit, attaining a height of about 3 feet, and should be given 18 to 24 inches between each to allow for full development; they bear freely on long, strong stems numerous semi-globular, mostly very double flowers, all of the largest size, making them of great value in large beds, borders, etc.; grown under favorable conditions they remain in bloom from early summer to late autumn.

We offer six of the most wanted colors, separately, as well as a splendid mixture of many colors, as under:

	PER PKT.		PER PKT.
4511 Giant Golden-yellow	15	4514 Giant Flesh-color	15
4512 Giant Scarlet	15	4515 Giant Sulphur-yellow	15
4513 Giant White	15	4516 Giant Crimson	15

4519 Collection of a pkt. each of the above 6 colors, 75 cts.

4520 Giant Mixed. All colors, 15 cts. per pkt.; 40 cts. per ¼ oz.

ZINNIA HAAGEANA "PERFECTION."

- 4481 One of the most distinct and meritorious annuals of recent introduction. The plant is of dwarf, compact growth, 9 to 10 inches high by as much through, with fine foliage, and bears a multitude of very double flowers, about 1½ inches across, in a most unusual range of colors, including rose-tipped canary-yellow, maroon-tipped cream-yellow and wallflower-red, velvety garnet, etc., and altogether makes as pretty a border as anything we know of. Like other Zinnias it will grow and flourish in any sunny location. 15 cts. per pkt.; 2 pkts., 25 cts.

DREER'S RELIABLE GENERAL LIST of NOVELTIES FOR FLOWER SEEDS

See pages 53 to 62.

A number of meritorious sorts has been added to our list this season, and all inferior varieties and sorts difficult to grow discarded. For the convenience of our customers and to facilitate the filling of orders, it is only necessary in ordering to give the number of packets wanted and the corresponding number in the catalogue, viz.: 1 pkt. 1010, 15 cts.; 3 pkts. 1090, 15 cts., means one packet Abutilon, mixed, 15 cts.; 3 pkts. Agrostemma, 15 cts.

Abutilon, mixed, 15 cts.; 3 pkts. Agrostemma, 15 cts.

All Flower Seeds are sent postpaid at prices given.

COLLECTIONS OF FLOWER SEEDS.

The following collections are made up of the best and easiest grown sorts and are sure to give satisfactory returns:

1134 Summer Flowering Annuals.	12 sorts, our selection....	\$0 50
1135 " " " "	25 " " " "	1 00
1136 Old-fashioned Annuals.	12 " " " "	50
1133 Annuals for cutting.	12 " " " "	50
3549 Old-fashioned Hardy Perennials.	12 " " " "	50
2019 Quick-growing Annual Climbers.	12 " " " "	50
3979 Shakespeare Flowers. Old time garden flowers mentioned in Shakespeare's writings, 10 varieties.....		50

Collections of Asters, Balsams, Dianthus, Marigolds, etc., are offered under their respective heads throughout the list.

ABUTILON (Flowering Maple).

1010 **Fine Mixed.** Elegant flowering perennial shrubs of strong growth and easy cultivation; free-flowering, with various colored, beautiful drooping bell-shaped flowers. Considered indispensable for flowering indoors during the winter and spring months, and useful for bedding out in the summer. Sown indoors any time before April, they will produce plants that will flower outdoors the first season and indoors all winter. Mixed colors..... 15



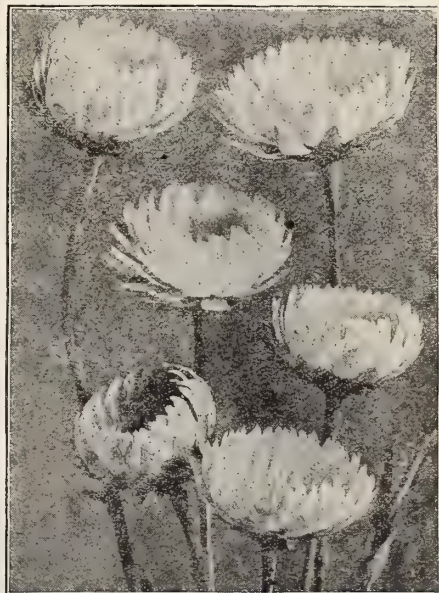
ABUTILON

ACHILLEA (Milfoil, or Yarrow).

1021 **Ptarmica "The Pearl."** One of the best hardy white perennials. Grows about two feet high, and from spring till frost is covered with heads of purest white double flowers. A grand plant for cemetery decoration. Easily grown from seed, flowering the first season if sown early..... 25



AGROSTEMMA CORONARIA



ACROCLINIUM

ACONITUM.

(Monk's Hood, Helmet Flower or Wolfsbane.)

PER PKT.

1031 **Napellus.** A hardy perennial, growing in any good garden soil, producing long spikes of curiously-shaped blue and white flowers. Well adapted for planting among shrubbery or in shady corners of the garden; 3 to 5 feet. $\frac{1}{4}$ oz., 50 cts. 10

ACROCLINIUM.

A pretty annual "Everlasting," growing about 15 inches high, bearing lovely white or rosy-pink flowers, which, when cut in the bud state, can be dried and used in winter bouquets. A nice thing to grow in a mixed border aside from its use as an everlasting.

1040 **Double Mixed.** $\frac{1}{4}$ oz., 25 cts. 5

1050 **Single Mixed.** $\frac{1}{4}$ oz., 20 cts. 5

AGROSTEMMA.

(Rose of Heaven, Mullein Pink).

1090 **Coronaria.** An attractive free-flowering hardy perennial of easy culture, producing glowing crimson flowers like a single pink and silvery white foliage; blooms the first season; fine for cutting; 2 feet. $\frac{1}{4}$ oz., 20 cts. 5

AGERATUM (Floss Flower).

One of the best bedding plants, being literally a sheet of bloom from early summer till frost. Unlike many bedding plants, their flowers are not liable to be spoiled by rain, nor do the colors fade out. The various blue varieties are without doubt the most satisfactory bedding plants of this color for our trying climate. Early raised from seed, which is usually started in a hotbed or window and transferred to the open ground in May. Can also be sown outdoors in May. A sowing in September will give plants to bloom all winter. (See cut.)

- 1071 **Blue Perfection.** This is the darkest colored of all large-flowering Ageratums. Color deep amethyst-blue; compact growth; fine bedder. $\frac{1}{2}$ oz., 30 cts... 10
- 1076 **Little Blue Star.** A variety of exceedingly dwarf and even growth; the tiny bushes, not over 4 to 5 inches high, are densely covered with bright blue flowers; a fine variety for edging.... 25
- 1073 **Cope's Pet.** The best light blue variety for edging. $\frac{1}{2}$ oz., 30 cts 10
- 1078 **Princess Pauline.** A beautiful variety of compact, even growth, rarely exceeding 8 inches in height; the flowers are sky-blue with white centre, the contrast being really exquisite. $\frac{1}{2}$ oz., 40 cts..... 15
- 1074 **Imperial Dwarf Blue.** Clear blue; 8 inches. $\frac{1}{2}$ oz., 25 cts..... 5
- 1075 **Imperial Dwarf White.** 8 inches. $\frac{1}{2}$ oz., 25 cts..... 5



AMARANTHUS TRICOLOR



AGERATUM BLUE PERFECTION

ALYSSUM (Mad Wort).

Pretty little plants for beds, vases, baskets, edging or rockwork, blooming profusely all summer; useful also for winter flowering. Very sweetly scented.

- 1101 **Little Gem, or Carpet of Snow.** Of dwarf, compact habit, but 4 inches high. It begins to bloom when quite small, and the plants are a solid mass of white from spring to late in autumn, and undoubtedly the best white flowering edging plant in the list. (See cut.) Per $\frac{1}{2}$ oz., 25 cts.; per oz., 75 cts..... 5
- 1102 **Sweet Alyssum** (*A. Maritimum*). Of trailing habit; flowers white. Per oz., 30 cts..... 5
- 1103 **Tom Thumb** (*Benthami Compactum*). Of dwarf, compact, erect growth; excellent for edging; white. Per oz., 50 cts..... 5
- 1100 **Lilac Queen.** See Specialties, pages 53 to 62..... 10
- 1104 **Saxatile Compactum** (*Basket of Gold*). Showy, bright yellow flowers; hardy perennial; blooms the first season if sown early indoors; excellent for rockwork; 1 foot. $\frac{1}{2}$ oz., 30 cts..... 10

AMARANTHUS.

Brilliant-foliaged annuals, growing from 3 to 5 feet high, some of the varieties bearing curious racemes of flowers. All are useful in borders of tall plants or for the centre of large beds. They thrive best in a hot, sunny location, not too rich soil, and given sufficient room to develop their full beauty.

- 1111 **Caudatus** (*Love Lies Bleeding*). Blood-red, drooping..... 5
- 1116 **Cruentus** (*Prince's Feather*). Dark red feathery flowers..... 5
- 1113 **Sunrise.** The most brilliant of this brilliant family. The foliage is bronzy-crimson, each branch terminating with a tuft of bright scarlet-carmine leaves. It has been used with fine effect in many of the public parks. 2 pkts., 25 cts..... 15
- 1114 **Tricolor** (*Joseph's Coat*). Leaves red, yellow and green. $\frac{1}{2}$ oz., 20 cts..... 5
- 1115 **Tricolor Splendens.** An improvement on the old sort, of more brilliant coloring. $\frac{1}{2}$ oz., 30 cts..... 10

AMPELOPSIS (Boston, or Japanese Ivy).

- 1131 **Veitchi.** A hardy perennial climber, with olive-green leaves, which turn to scarlet in the autumn. The best and most popular climber for covering brick or stone walls. Per oz., 50 cts..... 10



A BORDER OF ALYSSUM LITTLE GEM



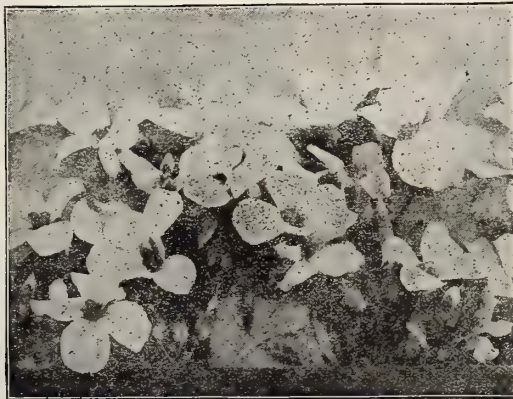
ANCHUSA ITALICA, DROPMORE VARIETY

ANCHUSA.

(Alkanet.)

PER PKT.

- 1138 **Italica Dropmore Variety.** One of the best hardy perennials, and becoming more popular each season, grows 3 to 5 feet high, and bears in abundance flowers of the richest gentian-blue during May and June. $\frac{1}{4}$ oz., 50 cts.; 2 pkts., 25 cts..... 15



ARABIS ALPINA

ANEMONE (Windflower).

A very pleasing perennial, producing large flowers; few plants compare with them in beauty; fine for bouquets. Sow outdoors in spring, keeping shaded till the plants appear.

- 1140 **Coronaria, Mixed Colors (Poppy Anemone)**..... 10
1146 **St. Brigid.** A beautiful selection of the above; our seed comes from a famous Irish grower and comprises semi-double and double flowers in a wonderful array of colors.... 15

ANTHEMIS (Hardy Marguerite).

- 1150 **Tinctoria Kelwayi.** A most satisfactory hardy perennial, bearing all summer daisy-like golden-yellow blossoms; excellent for cutting; 2 ft..... 10

ARABIS (Rock Cress).

- 1211 **Alpina.** A hardy perennial and one of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequaled for rockeries or edging; withstands the drought, and is always neat; 6 inches; $\frac{1}{4}$ oz., 25 cts.....

ANTIRRHINUM (Snapdragon).

Within the last few years Snapdragons have become immensely popular. This is not to be wondered at, as, whether used for cutting or for show in the garden, they are one of the most valuable flowers which can readily be grown from seed. We offer two distinct types, the large-flowering, tall-growing, or giant, and the equally large-flowered, half-dwarf variety. In our trials the seeds sown out of doors the first week of May came into bloom early in July, remaining in full flower until November. For earlier flowering, they may be started indoors or in a frame in March, transplanting them to the open when the weather is suitable.

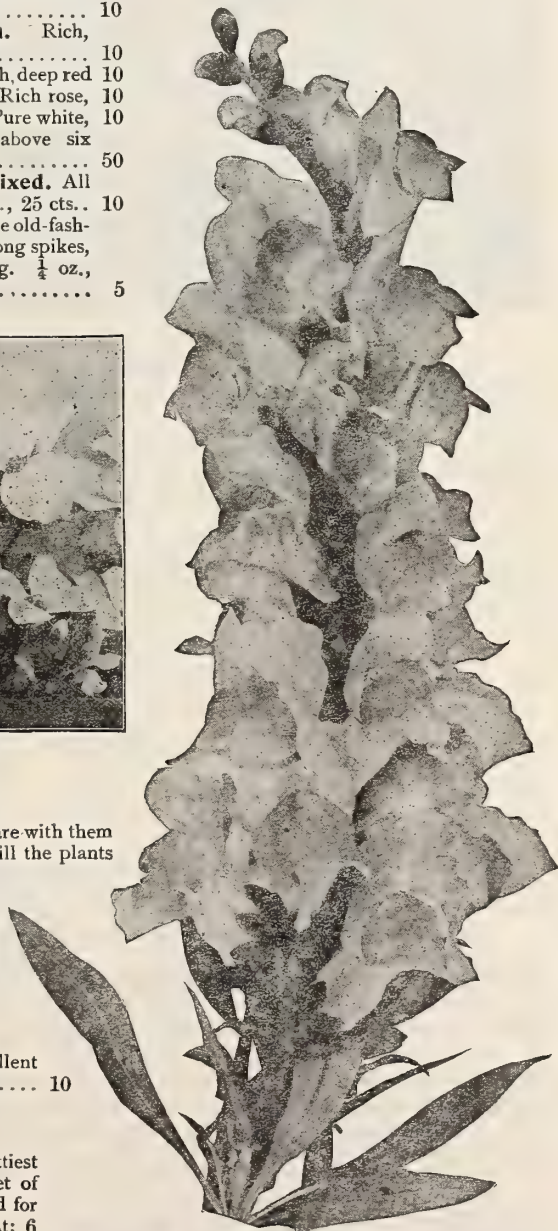
Giant Varieties. Of tall growth, very large individual flowers.

PER PKT.

- | | |
|---|---|
| 1171 Giant Scarlet 10 | 1174 Giant Garnet 10 |
| 1172 " White 10 | 1175 " Pink. Silver pink..... 10 |
| 1173 " Yellow 10 | 1176 " Rose. Rich rose..... 10 |
| 1179 Collection of a packet each of the above 6 colors..... 50 | |
| 1180 Giant Mixed. A splendid mixture, containing all the colors; $\frac{1}{4}$ oz., 25 cts..... 10 | |

Large-flowering Half-Dwarf Varieties. A splendid type, growing about 18 inches high, the best for bedding purposes:

- | | |
|---|--|
| 1162 Daphne. Soft blush pink..... 10 | |
| 1163 Defiance. Orange or russet red..... 10 | |
| 1164 Golden Queen. Rich, pure yellow..... 10 | |
| 1165 Firebrand. Rich, deep red..... 10 | |
| 1166 Rose Queen. Rich rose, 10 | |
| 1167 Mont Blanc. Pure white, 10 | |
| 1169 Collection of above six sorts..... 50 | |
| 1170 Half-Dwarf Mixed. All the colors. $\frac{1}{4}$ oz., 25 cts.. 10 | |
| 1160 Tall Mixed. The old-fashioned type; fine long spikes, grand for cutting. $\frac{1}{4}$ oz., 20 cts..... 5 | |



5 SPIKE OF LARGE-FLOWERING HALF-DWARF ANTIRRHINUM



AQUILEGIA OR COLUMBINE

AQUILEGIA (Columbine).

No hardy plant grown from seed is more easily handled than the Columbine.

Seed may be planted in the open ground early in spring, and will, in most cases bloom the same season; or they may be planted in August or September, and will come up early in spring and make vigorous plants, which will bloom abundantly during late spring and early summer.

Columbines should be planted wherever their presence will serve to lighten up a too stiff and formal planting, for no other plant has so airy a grace as the Columbine, is more generous of its blooms, or more effectively adapted for cut flowers.

- | | PER PKT. |
|--|----------|
| 1181 Californica hybrida. Exquisite flowers, in yellow and orange shades, all with long spurs. $\frac{1}{2}$ oz., 50 cts. | 10 |
| 1182 Canadensis. This is the scarlet and yellow native species and one of the brightest. $\frac{1}{2}$ oz., 30 cts. | 5 |
| 1183 Chrysanth (<i>Golden Spurred</i>). Golden-yellow. $\frac{1}{2}$ oz., 30 cts. | 10 |
| 1184 — alba. Beautiful pure white. $\frac{1}{2}$ oz., 50 cts. | 10 |
| 1185 Cœrulea (<i>Rocky Mountain Columbine</i>). Violet-blue and white; 2 feet. $\frac{1}{2}$ oz., 30 cts. | 10 |
| 1186 Cœrulea hybrida. Beautiful hybrids, bearing large flowers in a great variety of colors. $\frac{1}{2}$ oz., 50 cts. | 10 |
| 1187 Flabellata nana alba. A dwarf variety from Japan, with fine glaucous foliage and large white flowers. $\frac{1}{2}$ oz., 25 cts. | 10 |
| 1195 Helenæ. Of strong robust growth, bearing numerous flowers of a lovely shade of blue and pure white. | 15 |
| 1197 Nivea Grandiflora. A beautiful large pure white. $\frac{1}{2}$ oz., 25 cts. | 5 |
| 1199 Collection containing a packet each of the 9 named sorts | 65 |
| 1206 Dreer's Long-spurred Hybrids. A beautiful strain, comprising shades and combinations of blue, white, yellow, orange, scarlet and bright rose-pink, in large flowers with long spurs. See colored plate facing page 200 2 pkts., 25 cts. | 15 |
| 1207 Double , all colors mixed. 20 cts. per $\frac{1}{2}$ oz. | 5 |
| 1210 Single , all colors mixed. 20 cts. per $\frac{1}{2}$ oz. | 5 |

ARCTOTIS (African Daisy).

PER PKT.

- 1216 **Grandis.** A remarkably handsome annual from South-west Africa. It forms much-branched bushes 2 to 3 feet high; its flowers are large and showy, being pure white on the upper surface, the reverse of petals pale lilac-blue. There are few annual flowers grown in the garden more valuable for cut flower work than the Arctotis. It is easily grown from seed, and may be started in hotbed, in the house, or in the open ground, the seed germinating in about five days, and the plants may be expected to come into bloom early in July and continue until quite hard frost. It delights in a sunny situation. As a cut flower it is especially valuable, the blooms lasting a week or ten days in water, and if undeveloped buds are cut and placed in a sunny window, every one will open and produce as fine flowers as though left on the plant. $\frac{1}{2}$ oz., 30 cts.

10

ARGEMONE (Mexican or Prickly Poppy).

- 1220 **Hybrida Grandiflora.** We were delighted with a trial of this in our experimental grounds. The plants grew into sturdy bushes about 3 feet high, with very ornamental pale green, spiny foliage, with clear, silvery midrib and veins and poppy-like flowers of satiny texture, over 3 inches across, in various shades from rich yellow to creamy white. It came into bloom early in July, and continued without interruption till November. It is best to sow the seed where they are intended to bloom as soon as the ground is warm, and should have a sunny location, and prefers light soil. A very pretty and ornamental plant in or out of bloom. 2 pkts., 25 cts.

15

ARMERIA (Sea Pink or Thrift).

- 1221 **Formosa.** A very pretty edging plant, bearing rosy-pink flowers; hardy perennial. 2 pkts., 25 cts.



ARCTOTIS GRANDIS

Dreer's Famous American Asters

Asters are one of the most important summer and autumn flowers, and receive special care at our hands. Yearly exhaustive tests are made with a view to offering only the choicest kinds, regardless of cost. As a result of this care our list comprises only such sorts as can be planted with perfect confidence that nothing better is procurable, no matter at what price or from what source.

The varieties offered on this and the following three pages represent the finest Asters introduced to date, and are all firmly established favorites with the most critical growers of this popular flower, and should be in every garden where high quality is appreciated.

The early sorts, such as Queen of the Market, Lavender Gem and Royal, begin blooming in July, followed by the mid-season varieties, which are usually at their best during August, and which include such splendid sorts as Pink Beauty, Mikado, Ostrich Feather, and the Improved American Victorias. Then come the late-flowering kinds, which bloom from the end of August on through September into October. This class furnishes the finest flowers of all and is well represented in our list by our Superb Late Branching in eight beautiful colors, our Peerless Pink, the finest Pink Aster grown, Crego's Giant, Crimson Giant, Violet King and a number of other fine sorts. It is quite easy, therefore, with a little care in the selection of the varieties, to have Asters in bloom from the first days in July until hard frost.

A Few Cultural Hints on the Growing of Asters

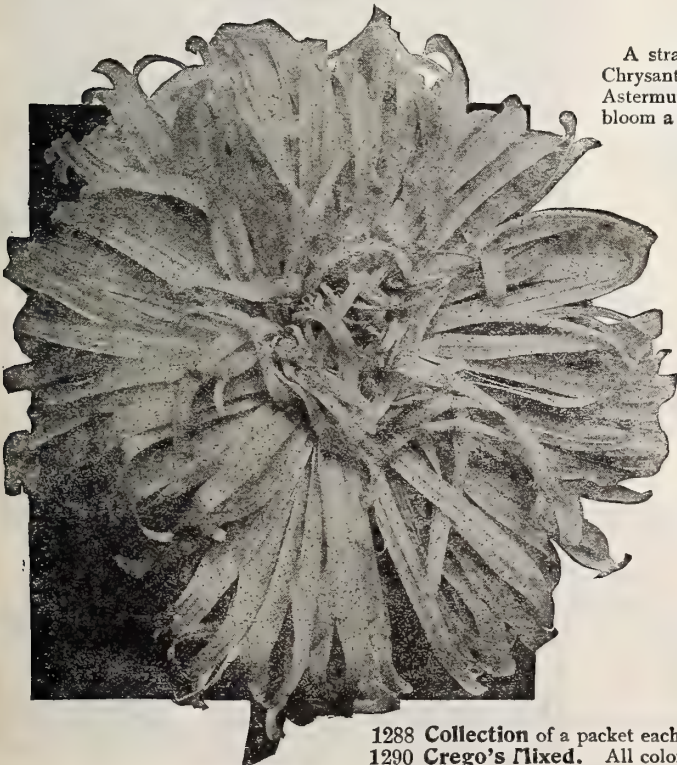
Asters will thrive in any good soil, prepared in the same way as you would for a crop of vegetables, but it is well to remember that any extra care taken in the preparation of the soil is repaid by finer plants, larger blooms with longer stems and more profuse flowering. They should have an open, sunny position, and prefer a good, heavy, loamy soil, enriched with a liberal quantity of bone meal or other good commercial fertilizer; and the addition of wood ashes or air-slaked lime, and we do not advise growing them on the same ground year after year; it is better to change each season.

For early flowering the seed should be started in the house, hotbed or cold-frame in April, transferring them to their flowering quarters as soon as danger from frost is past. For August and later flowering it is just as well to sow them in the open in May, preferably in a prepared seed bed, transplanting them when two or three inches high to where they are to bloom, although they may be sown where they are to flower with almost as good results.

The main essentials to insure fine Asters are a rich soil, frequent cultivation, no check to their growth from start to finish and ample room to develop. When wanted for cutting with long stems, they should be set out not closer than twelve inches apart in the rows and two feet between the rows. When wanted for mass effects in beds they may be planted nine inches to a foot apart each way.

Asters are sometimes attacked by an aphid at their roots; also by stem rot, a fungous disease, which causes the stem to decay just at the point where it emerges from the ground. Both of these troubles are rarely met with if the plants are grown on good soil and are not checked in their growth. The addition of wood ashes or air-slaked lime at the time of the preparation of the bed also helps to prevent these troubles.

The Aster or Black Beetle, which devours the flowers, can only be destroyed by hand-picking or by knocking them into a basin or receptacle in which there is some water and kerosene oil. As a rule, these beetles come in August, and by growing only the early and the late-flowering kinds can be avoided.



ASTERMUM

ASTERMUM ASTERS.

A strain of Comet Asters which, on account of their size and Chrysanthemum-like appearance, have appropriately been named Astermums. The plants grow about 2 feet high, and come into bloom a little earlier than the Crego's Giant. We offer three fine colors, as under:

1261 **Lavender.** A rich shade of lavender or light violet.

1262 **Pink.** A very attractive shade of lively rose-pink.

1263 **White.** Purest snow-white.

Price. 15 cts. per pkt.; a packet of each color for 35 cts.

CHINA ASTERS.

1340 **General Mixture.** This mixture was saved from the many sorts and colors grown on our trial grounds the past season. 5 cts. per pkt.; $\frac{1}{4}$ oz., 25 cts.

Crego's Giant Comet Asters.

We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers five inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type. We offer five colors, viz.;

PER PKT.

1281 **White.** Pure white..... 15

1282 **Pink.** Delicate shell-pink..... 15

1283 **Purple.** Bright purple..... 15

1284 **Rose.** Rich deep rose..... 15

1285 **Lavender.** Deep lavender..... 15

1288 **Collection** of a packet each of the 5 colors, 60 cts.

1290 **Crego's Mixed.** All colors. 15 cts. pkt.; 75 cts. per $\frac{1}{4}$ oz.



Dreer's Famous American Asters

ENCHANTRESS ASTER.

1348 A very desirable mid-season sort of upright, bushy habit about 18 inches high and bearing large, very double almost globular wide petalled flowers of the soft delicate pink color peculiar to the popular Enchantress Carnation. 15 cts. per pkt.; 2 pkts., 25 cts.

KING ASTERS.

The "King" Asters form a distinct class or type, and have many sterling qualities to recommend them to lovers of fine Asters. They are of strong, sturdy habit, growing fully 18 inches high, and bear from August to October very large double blossoms, the petals of which are more or less quilled, forming a very attractive flower, which is nicely shown in the illustration.

1307 **Dreer's Crimson King.** The richest and deepest crimson variety known to us.

1355. **Lavender King.** Soft lavender blue.

1394 **Pink King.** An attractive delicate shell pink.

1437 **Rose King.** A beautiful brilliant rose variety.

1482 **Violet King.** A pleasing soft shade of violet.

1492 **White King.** Pure white.

Price. Any of the above, 15 cts. per pkt.

1439 **Collection** of a packet each of above for 75 cts.



DREER'S CRIMSON GIANT ASTER

Dreer's Crimson Giant Aster.

1305 This variety has all the good qualities of our Superb Late Branching type, but is of upright growth, with extra large densely double flowers, few under 5 inches across, on stems 15 to 18 inches long, in color a very rich blood-crimson, full of fire, making a brilliant bed or border. 15 cts. per pkt.; 2 pkts., 25 cts.

DREER'S SUPERB LATE-BRANCHING ASTERS.

This grand strain is of American origin, and is especially adapted to our climatic conditions.

The plants form strong, branching bushes 2 to 2½ feet high, bearing on long, strong stems flowers which under ordinary cultivation, average 5 inches across. They come into bloom from two to three weeks after the average type, usually being at their best during September, and, all things considered, are the most valuable of all Asters, either for cutting or for bedding, and if only one kind of Aster is grown this is the type which will likely give the best results.

		PER ½ OZ.	PER PKT.
1451	Azure Blue. A deep rich lavender	60	10
1452	Deep Crimson. Rich and glowing	60	10
1453	Deep Rose. Distinct and fine.....	60	10
1455	Pale Lavender. Exquisite greyish-blue	60	10
1456	Deep Purple. A rich royal shade.....	60	10
1457	Rose-pink. A lovely shade; very popular	60	10
1461	Shell-pink. Soft and dainty.....	60	10
1467	Pure White. Perfect in its purity.....	60	10
1469	Collection. A packet each of the 8 colors,	60 cts.	
1470	Finest Mixed. All the colors mixed. ½ oz.,	50 cts.;	
		10 cts. per pkt.	



KING ASTERS

Dreer's Famous American Asters

LAVENDER GEM ASTER.

1353 One of the most beautiful Asters. It is of true Comet type, with large, artistic, loosely-arranged flowers on long, wiry stems and of the most charming shade of lavender imaginable. Begins blooming in July, continuing through August; a lovely variety for cutting. 15 cts. per pkt.; 2 pkts., 25 cts.

MIKADO ASTERS.

A Comet variety, very similar to the Crego's Giant offered on page 67, but dwarfer in growth, but comes into bloom fully two weeks earlier. The plants attain a height of about 18 inches, of branching habit, and the flowers, borne on long, strong stems, are of colossal size, flowers five and six inches across being the rule. We offer two colors, viz.:

1357 **Mikado Pink, or Rochester.** A charming shade of pink suffused with lavender. A color which shows to great advantage under artificial light.

1358 **Mikado White.** Of purest glistening white; a magnificent and artistic flower.

Price. Either of the above, 15 cts. per pkt., 2 pkts. for 25 cts.

Dreer's "Peerless Pink" Aster.

1393 This is conceded to be the finest pink late-branching Aster ever offered. The plants are of robust, free-branching habit, and it is hard to find a flower under four inches across, and many measure five inches by two and a half in depth, forming an almost globular flower. The color is a rich shell pink and comes into bloom about the middle of August, being at its best during the early part of September. 15 cts. per pkt.; 2 pkts., 25 cts.



QUEEN OF THE MARKET ASTER

Dreer's "Pink Beauty" Aster.

1343 This was introduced by us in 1908, and is a magnificent variety of strong, free, upright growth, 24 to 30 inches high, blooming from early in August until well on in September, with frequently as many as 50 flowers open at one time on long, strong stems, and averaging 4 inches across, of chrysanthemum shape, the inner petals incurved, outer reflexed; color a soft, delicate blush-pink, a shade that is always in demand for cutting. This has been pronounced by experts to be the finest pink mid-season Aster yet introduced. 15 cts. per pkt.; 2 pkts., 25 cts.

OSTRICH FEATHER ASTERS.

This magnificent Aster produces flowers of immense size, made up of long, loosely formed petals. Blooms in August. When used for cutting, the flowers should be picked when about half expanded and allowed to develop in water in a cool room.

PER PKT.	PER PKT.
1361 Bright Rose 15	1365 Violet Blue 15
1362 Lavender 15	1366 Vivid Crimson 15
1364 Salmon Pink 15	1367 Pure White 15
1369 Collection containing a packet each of the 6 colors..... 75	
1370 Mixed , all colors. $\frac{1}{4}$ oz., 75 cts..... 10	

Queen of the Market Asters.

A first-class early flowering Aster, coming into flower in July, of branching habit; flowers of good size and borne on long stems, making them exceedingly valuable for cutting; 1 foot

PER PKT.	PER PKT.
1401 Bright Rose 10	1405 Pink 10
1402 Crimson 10	1406 Purple 10
1403 Lavender 10	1407 White 10
1409 Collection . One packet each of the 6 colors..... 50	
1410 Mixed Colors . $\frac{1}{4}$ oz., 50 cts..... 10	

SINGLE CHINA ASTER.

1440 The single China Asters are very effective in beds, or borders, and offer a pleasing change to the innumerable double sorts; mixed colors. $\frac{1}{4}$ oz., 30 cts. 10

NOVELTIES and SPECIALTIES in Flower Seeds are offered on pages 53 to 62



DREER'S PINK
BEAUTY ASTER

DREER'S FAMOUS AMERICAN ASTERS

Continued.

ROYAL ASTERS.

A recently developed type that might briefly be described as an early flowering form of our Superb Late Branching variety, having all the good qualities of the latter, but coming into bloom in July or early August, and lasting in perfect condition for a long time. The habit of the plants and their free-flowering make them very desirable for beds or borders, while their long-stemmed flowers are ideal for cutting. We offer six beautiful and distinct colors.

PER PKT.

- 1412 **Lavender.** Soft lavender violet. 15
1413 **Purple.** Rich, deep violet-purple..... 15
1414 **Rich Rose.** A bright color..... 15
1415 **Rose-Pink.** Very pretty, shaded white at centre.... 15
1416 **Shell-Pink.** Very delicate..... 15
1417 **White.** Purest white..... 15
1419 **Collection** of a packet each of the six colors..... 75
1420 **Mixed.** Containing all of the colors..... 10

NEW RED ASTER, "SENSATION."

- 1442 This is the reddest of all Red Asters, the color being a rich garnet or ox-blood red, which glistens in the sunshine like a live coal. The plants are of free-branching habit, about 18 inches high; the very double flowers, averaging 3½ inches across, are borne freely on stems a foot long from early in August till the close of September. The intense color shows up well when cut, and makes a very brilliant bit of color in a bed or border. 15 cts. per pkt.; 2 pkts., 25 cts.

Improved American Victoria Asters.

This is by far the finest of all Asters for beds or borders where an even growth and a mass of flowers are wanted for effect; the sturdy upright plants, 12 to 15 inches high, carry not less than 50 flowers each, producing a mass of color unequalled by any other; blooms from early August till late October. (See cut.)

PER PKT.

- 1471 **Daybreak.** Delicate La France pink..... 15
1472 **Purity.** Purest white..... 15
1473 **Pale Lavender.** A delicate shade..... 15
1474 **Rose-pink.** Rose shading to blush-pink..... 15
1475 **Salmon-pink.** Rich salmon-pink, exquisite..... 15
1477 **Azurea.** Rich, deep lavender-blue..... 15
1478 **Collection** of a pkt. each of the above 6 colors..... 60
1480 **Choicest Mixed.** All colors. ¼ oz., 75 cts..... 10

HARDY PERENNIAL ASTER.

- 1400 **Mixed** (*Michaelmas Daisies*). Single fall-flowering hardy herbaceous plants, thriving in any good garden soil. If sown early they will flower the first season; 3 ft. ¼ oz., 50 cts..... 10



IMPROVED AMERICAN VICTORIA ASTERS

ASPARAGUS.

PER PKT.

- 1231 **Plumosus Nanus.** This graceful Asparagus is an excellent house plant. \$1.00 per 100 seeds..... 25
1232 **Sprengeri** (*Emerald Feather*). One of the best plants to grow in suspended baskets, window boxes, vases, etc.; for the greenhouse in winter and outside in the summer. 50 cts. per 100 seeds..... 10



BEGONIA SEMPERFLORENS

AURICULA.

(Primula Auricula.)

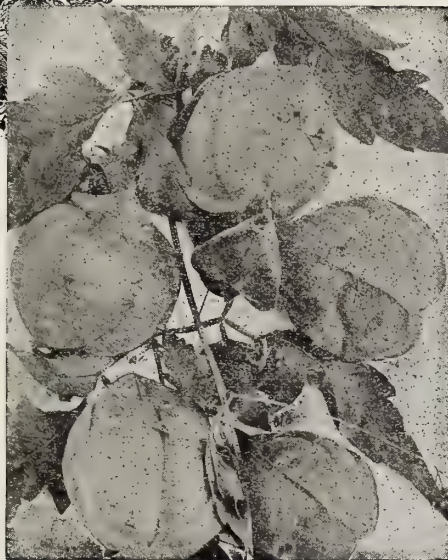
PER PKT.

- 1500 A well-known favorite of great beauty; seed saved from splendid choice mixed varieties; half-hardy perennial; 6 inches. 15

Balloon Vine.

(Love-in-a-puff.)

- 1525 A rapid-growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons and of great interest to children. (See cut.) Per oz., 25 cts. 5



BALLOON VINE

Double Camellia-flowered Balsams.

(Lady-Slipper.)

An old and favorite garden flower, producing its gorgeous masses of beautiful brilliant colored double flowers in the greatest profusion; of easy culture; succeeds in a good, rich soil; tender annuals; 2 feet. Start the seed indoors in April, or sow out of doors in May. To grow fine specimens they should not be closer than 18 inches apart. (See cut.)

PER PKT.

- 1532 **Prince Bismarck.** Exquisite salmon-pink; very double. 10
 1534 **Scarlet.** Brilliant fiery-scarlet. 5
 1533 **Light Yellow.** 5
 1535 **Solferino.** Striped and spotted white, lilac and scarlet. 5
 1536 **Violet.** Very rich. 5
 1537 **White Perfection (Alba Perfecta).** Very double, immense solid round flowers of purest white. 10
 1538 **Collection of the 6 colors offered above.** 30
 1540 **Double Camellia-flowered.** Finest mixed; $\frac{1}{4}$ oz., 25 cts. 5

BOCCONIA (Plume Poppy, or Tree Colandine).

- 1611 **Cordata.** Effective, hardy perennial, for single specimens or groups on lawns. Foliage glaucous green, bears freely spikes 2 to 3 feet long of cream-colored flowers; 5 feet; easily raised from seed. $\frac{1}{4}$ oz., 25 cts. 10

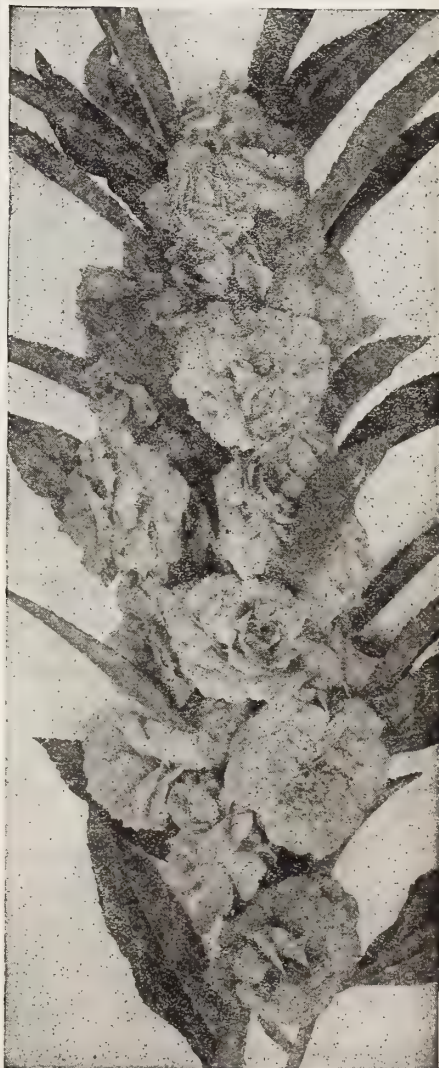
BEGONIAS.**Everblooming Bedding Varieties.**

The following are varieties of *Begonia Semperflorens*, and take rank as bedding plants with Geraniums and Coleus, doing equally well in full sunlight, and surpassing both in positions partially or wholly in shade. They are of sturdy growth, growing about 1 foot high and forming dense bushes, which, from May until frost, are completely hidden with flowers. As pot plants for winter flowering they are superb, remaining a sheet of bloom throughout the entire year. Easily raised from seed, which should be started either indoors or in a

hotbed. (See cut.)

PER PKT.

- 1562 **Erfordia.** Bright rosy-carmine. 25
 1564 **Prima Donna.** Limpid rose, shading to carmine at the centre; everblooming. 25
 1565 **Gracilis.** Handsome flowers of a delicate rose color. 15
 1563 **Luminosa.** Brilliant fiery dark scarlet; very bright. 25
 1577 **Salmon Queen.** The highest colored of all, being a brilliant salmon-rose, beautiful either as a pot plant or for bedding. 25
 1571 **Vernon.** Bright orange-carmine flowers; deep red foliage. 10
 1580 **Semperflorens, Single Mixed.** This mixture contains all the colors from pure white to deepest crimson; splendid. 10



BALSAM PRINCE BISMARCK



BRACHYCOME

BELLIS (English Daisy).

A favorite perennial, which will stand the winter if given the protection of a little litter. In bloom from early spring until well on in the summer. Easily raised from seed, which may be sown any time from spring till August. For best results, new plants should be raised from seed each year. The following are the finest double-flowering kinds, selected after careful test out of over twenty sorts:

PER PKT.

- 1591 **Longfellow.** Large, double-pink flowers 10
- 1593 **Ranunculiflora Alba.** A splendid type with densely double pure white flowers, not very large, but very free-flowering..... 15
- 1594 **Ranunculiflora Rosea.** Identical to the preceding except in color, which is a bright rosy pink..... 15
- 1595 **Giant White.** Each plant produces but a few flowers, but these are of enormous size, almost as big as a good-sized Aster..... 25
- 1596 **Giant Rose.** Same as the above except in color..... 25
- 1597 **The Bride, or Improved Snowball.** A fine large double free flowering pure white. 10
- 1598 **Double Quilled.** Double quilled flowers in mixture, containing red, pink and white..... 20
- 1600 **Double Mixed.** A fine mixture, containing all the colors. $\frac{1}{8}$ oz., 50 cts. 10

BRACHYCOME (Swan River Daisy).

- 1620 Free-flowering, dwarf-growing annuals; covered during the greater part of the summer with a profusion of pretty blue or white flowers, suitable for edgings, small beds or pot culture; 9 inches. (See cut.) $\frac{1}{4}$ oz., 25 cts.... 5

BRYONOPSIS.

- 1641 **Laciniosa.** A beautiful annual climber of the gourd species, with ivy-like pale green foliage and showy fruit, first green striped white, turning when ripe to bright scarlet striped white; 10 to 20 feet. (See cut.)..... 10

BROWALLIA (Amethyst).

One of our favorite profuse-blooming bedding plants, covered with rich, beautiful winged flowers during the summer and autumn months, supplying a shade of intense blue very uncommon; grows freely in any rich soil; blooms finely in the winter if the plants are lifted in autumn and cut back.

PER PKT.

- 1637 **Speciosa Major.** A beautiful flowering variety of the most brilliant ultramarine blue; a rare color; does finely outside in the border, or in hanging baskets or vases, but is especially valuable as a pot plant for winter and early spring flowering..... 25
- 1640 **Elata Mixed.** Blue and white; 18 inches. $\frac{1}{4}$ oz., 25 cts..... 5

CACALIA.

(Tassel Flower, or Flora's Paint Brush.)

- 1650 A neat annual, of easy culture, with tassel-shaped flowers, blooms from June to September; fine for borders. Golden yellow and scarlet mixed; $1\frac{1}{2}$ feet. $\frac{1}{4}$ oz., 25 cts.. 5

THE CARDINAL CLIMBER.

(Ipomoea Quamoclit Hybrida.)

- 2158 The most brilliant, beautiful and distinct annual climber introduced in a lifetime. For full description see under Novelties and Specialties, pages 53 to 62. 15 cts. per pkt.; 2 pkts., 25 cts.



BELLIS (Double Daisy)



BRYONOPSIS

Calendula (Pot Marigold.)

This is the "Marygold" of Shakespeare's time; one of the best and showiest free-flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, particularly bright in late fall, continuing in bloom from early summer until killed by frost; valuable also for pot culture; blooming freely in winter and early spring; 1 foot. (See cut.)

- 1681 **Meteor.** Large double yellow, each petal striped with orange. Oz., 25 cts. 5
- 1684 **Prince of Orange.** Like Meteor, but darker. Oz., 25 cts. 5
- 1682 **Orange King.** Very large double flowers of a dark orange-red. Oz., 25 cts. 5
- 1685 **Pure Gold.** A grand variety, with double extra large flowers of a pure golden-yellow. Oz., 30 cts. 5
- 1686 **Double Sulphur.** Very large and extremely double flowers of a pleasing sulphur-yellow color. Oz., 25 cts. 5
- 1687 **Favorite.** Light sulphur, each petal striped with creamy-white; the lightest colored variety. Per oz., 25 cts. 5
- 1688 **Pluvialis (Cape Marigold.)** A pretty single-flowering sort, white daisy-like flowers, under side of the petals lilac. Oz., 40 cts. 5
- 1683 **Pongei Fl. Pl.** Showy double-white flowers. Oz., 40 cts. 5
- 1690 **Mixed.** All the double sorts. Oz., 25 cts. 5
- 1689 **Collection,** one packet each of the 8 separate sorts. 30

**Canary-Bird Vine.**

(Tropaeolum Canariense.)

- 1749 A beautiful rapid annual climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. (See cut.) Per oz., 25 cts. 5



DREER'S PERFECTION CALCEOLARIA



GROUP OF CALENDULAS

CALCEOLARIA.

PER PKT.

- 1671 **Dreer's Perfection.** An ornamental plant, producing a mass of beautiful pocket-like flowers in the spring, and a universal favorite for decorating the greenhouse or conservatory. This strain was grown for us by a celebrated Scotch specialist and is considered the finest in cultivation; flowers beautifully spotted and blotched in exceedingly rich and varied colors; of perfect form and fine substance; the habit of the plants dwarf and compact and very free-flowering. 50

CANNA (Indian Shot).

Dwarf, Large-flowering French. Unquestionably the finest of bedding plants for the American climate. The seeds here offered are all of our own saving. Soak the seeds in warm water until they show evidence of swelling, then sow in sandy loam, and place in a hotbed; when up to the second leaf, pot off singly and keep under glass until the proper season for planting out

- 1799 **Collection** of a packet each of six grand sorts. 30
- 1790 **Mixed.** Saved from the finest sorts. Per oz., 25 cts. 5

For roots or plants of Canna see under Garden and Greenhouse Plants.

**CANDYTUFT.**

(Iberis Umbellata.)

The annual Candytufts are universally known and cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses. Seed sown in autumn produce flowers early in spring; when sown in April, flowers in June; successive sowings should be made at intervals. Hardy and easy to grow. Single plants transplanted look well and bloom profusely; 1 foot.

PER PKT.

- 1751 **Carmine.** Bright carmine rose. Oz., 50 cts. 10
 1752 **Crimson.** Rich deep shade. Oz., 25 cts. 5
 1753 **Empress, or Giant Hyacinth-flowered.** The finest of all the white varieties, being a complete mass of pure white flowers, in a pyramid of bloom. (See cut.) Oz., 50 cts. 10
 1755 **White Fragrant.** Flowers small, very sweetly scented. Oz., 25 cts. 5
 1756 **White Rocket.** Good spikes of pure white. Oz., 25 cts. 5
 1757 **Lavender.** Delicate shade of rosy-lavender. Oz., 25 cts. 5
 1760 **Mixed Colors.** Oz., 25 cts. 5
 1770 **Dwarf Hybrids, Mixed.** A very dwarf and compact type not over 6 inches high and very useful for the edge of borders, etc. Oz., 50 cts. 10

For Perennial Candytuft see *Iberis*, page 93.

THE CARDINAL CLIMBER.

This beautiful annual climber should be largely grown. It is quite distinct from any other vine. Illustrated in colors and described on page 54.

GROUP OF CALLIOPSIS

CALLIOPSIS.

Showy and beautiful free-flowering annuals, of the easiest culture, doing well in any sunny position, blooming all summer and excellent for cutting and massing. It is best to sow them where they are to bloom, thinning out to stand 6 inches to 12 inches apart. By keeping the old flowers cut off the flowering season can be lengthened until late autumn.

PER PKT.

- 1696 **Bicolor Nana.** Of dwarf, compact, even growth; flowers clear yellow with small garnet eye; 9 inches. $\frac{1}{4}$ oz., 20 cts. 5
 1697 **Crimson King.** A fine dwarf sort, 9 inches high; color rich velvety crimson-garnet. $\frac{1}{4}$ oz., 20 cts. 5
 1701 **Crown of Gold.** Large, rich golden yellow, 18 inches. $\frac{1}{4}$ oz., 30 cts. 10
 1702 **Golden Wave (*Drummondii*).** Rich golden-yellow with small chestnut-brown centre; very free; 12 inches. $\frac{1}{4}$ oz., 20 cts. 5
 1707 **Golden Ray.** Dwarf, compact plants, not over 9 inches high, covered with flowers of rich maroon edged with golden yellow, and having twisted petals like a Cactus Dahlia. $\frac{1}{4}$ oz., 30 cts. 10
 1708 **Marmorata.** A very showy sort, growing 2 feet high and covered with bright golden-yellow flowers, marbled with Wall-flower-red. $\frac{1}{4}$ oz., 20 cts. 5
 1703 **Nigra Speciosa.** A strong grower with good-sized flowers of rich reddish maroon; 2 feet. $\frac{1}{4}$ oz., 20 cts. 5
 1705 **Tiger Star.** Plants not over 9 inches high, flowers of rich reddish-brown, tigered with golden-yellow, not unlike some of the Orchids. $\frac{1}{4}$ oz., 30 cts. 10
 1704 **Tinctoria.** Another showy variety, the large flowers being bright yellow and maroon, about evenly divided; 24 inches. $\frac{1}{4}$ oz., 20 cts. 5
 1706 **Double Tinctoria.** Double and semi-double very showy flowers of rich maroon, edged with gold; 18 inches. $\frac{1}{4}$ oz., 20 cts. 5
 1710 **Mixed.** All the choice sorts in mixture. Per oz., 30 cts. 5
 1709 **Collection.** Containing a packet each of the above 10 sorts. 50



EMPRESS CANDYTUFT

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OR

CANTERBURY BELLS.

Mrs. Ely, author of "A Woman's Hardy Garden," says:

"The seeds should be sown by mid-April, in finely prepared, rich soil—the colors in separate rows—and if the weather is dry, they should be given a thorough watering late every afternoon. By the 15th of July the little plants should be transplanted, either to the places where they are to bloom the following summer, or else they may be set out temporarily in rows about a foot apart, the plants eight inches apart, and finally transplanted early in October. Some evergreen branches, or a little straw or coarse hay, thrown over them when the ground begins to freeze, makes all the winter covering these plants require. In the spring a little fine manure and some bonemeal should be dug about each plant, and the stalks of bloom, which, if well cared for, will be nearly three feet in height, should be staked. If the flowers are cut immediately upon fading, the period of blooming can be prolonged to about six weeks."

Calycanthemum (*Cup and Saucer Canterbury Bells*). This is unquestionably the finest type of this old-fashioned and much-prized garden plant. They differ from the ordinary type in having an extra large calyx, which is of the same color as the flower, giving the appearance of a cup and saucer. They are effective either in the garden or grown in pots for conservatory or table decoration. We offer them in separate colors as well as in mixture, viz.:

	PER PKT.
1736 Rose Pink. Delicate rosy-pink.....	15
1735 Blue. A fine, clear shade.....	15
1738 White. Pure white.....	15
1740 Finest Mixed. All colors of the Cup and Saucer type.	
1/4 oz., 75 cts.	10

Medium (*Single Canterbury Bells*). The old-fashioned sort, with beautiful, large bell-shaped blossoms; we offer four distinct colors and mixed, as follows:

PER PKT.	PER PKT.
1744 Dark Blue 10	1746 Rose 10
1745 Light Blue 10	1747 White 10
A packet each of the 4 colors, 30 cts.	
1743 Single Mixed. All colors. 1/4 oz., 25 cts.....	5
1741 Double Mixed. All the double-flowering medium varieties. 1/4 oz., 40 cts.....	10

CAMPANULAS OR BELLFLOWERS.

(Various Sorts.)

Well known, beautiful hardy herbaceous perennials, bearing a great profusion of attractive bell-shaped flowers; thriving best in light, rich soil; some of the varieties flower the first season if sown early.

	PER PKT.
1721 Carpatica (<i>Carpathian Hare Bell</i>). Free-flowering hardy perennial, continuing in bloom the whole season; color clear blue; grows 6 inches high; especially good for edging. 1/4 oz., 40 cts.....	10
1720 — Alba. The white-flowered form of the above. 1/4 oz., 40 cts.....	10



SINGLE AND CUP AND SAUCER CANTERBURY BELLS

	PER PKT.
1724 Persicifolia Grandiflora (<i>Peach Bells</i>). Undoubtedly one of the finest of the hardy Bellflowers; grows 2 to 3 feet high, with large blue flowers	15
1725 — — Alba. The white flowered Peach Bells.....	15
1728 Pyramidalis (<i>The Chimney Bellflower</i>). A beautiful stately hardy plant, either for garden or pot culture; blue salver-shaped flowers; 4 to 5 feet. 1/4 oz., 50 cts.	10
1729 — Alba. Same as above, but with white flowers. 1/4 oz., 50 cts.....	10

CARNATION.

Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable, both for greenhouse culture in winter and for the garden in summer. The Marguerite and Chabaud's type are the best for summer flowering.

- 1850 **Hardy Border Double Mixed.** A good hardy strain for outdoor culture, flowering the second season and producing a mass of flowers in a great variety of colors. $\frac{1}{4}$ oz., 50 cts. 10
- 1831 **Chabaud's Everblooming.** Raised by a famous French specialist. Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely. Mixed colors. (See cut.) 25

MARGUERITE CARNATIONS.

They are deservedly the most popular Carnations with the amateur, as they begin flowering in a few weeks from time of sowing. The strain offered is of extra fine quality, producing on long, strong stems an abundance of large, double, beautifully-fringed, highly-scented flowers; with slight protection they will survive an ordinary winter and bloom freely the following spring.

- PER PKT.
- 1811 **Deep Crimson.** 10
- 1812 **Yellow** 10
- 1813 **Bright Rose.** 10
- 1814 **Fiery Scarlet.** 10
- 1815 **Striped** 10
- 1816 **Pure White.** 10
- 1818 **Collection of 1 pkt.**
each of the above 6
colors 50
- 1820 **Mixed.** All colors
Marguerite Carnations.
 $\frac{1}{4}$ oz., 40 cts. 5

Giant Marguerite Carnation.

- 1830 An improved strain, producing flowers of immense size, frequently measuring $2\frac{1}{2}$ to 3 inches across. Strong, vigorous growers and wonderfully free-flowering; mixed colors. $\frac{1}{4}$ oz., 50 cts. 10



CELOSIA CRISTATA, GLASGOW PRIZE



CELOSIA PLUMOSA THOMPSON'S SUPERB

CHABAUD'S
EVERBLOOMING
CARNATION**Celosia Cristata.**

(Cockscomb.)

Free-blooming annuals, growing best in rather light soil, not too rich; make grand border plants and are attractive for pots. Seed can be sown under cover in early spring and planted out in May, or may be sown out of doors in May.

- PER PKT.
- 1851 **Empress.** Rich crimson; combs of colossal proportions. 10
- 1852 **Glasgow Prize.** Immense, showy dark crimson combs. 10

- 1853 **Queen of the Dwarfs.** This we consider the finest of the dwarf-growing Cockscombs. The plants grow only 8 inches high, with beautiful dark rose-colored combs, measuring under good cultivation 2 feet across. 10
- 1860 **Dwarf, Mixed.** Fine dwarf varieties. $\frac{1}{4}$ oz., 30 cts. 5
- 1858 **Collection of 6 colors dwarf Cockscombs,** 40 cts.

CELOSIA PLUMOSA (Feathered Cockscomb).

Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets. Should be treated exactly the same as the Cockscombs described above.

- 1865 **Childsi (Chinese Woolflower).** This attractive novelty is offered with other specialties on pages 53 to 62.
- 1867 **Thompson's Superb (Triomphe de l'Exposition).** Of pyramidal growth, attaining a height of 3 feet, and producing graceful, feathery plumes of the most brilliant crimson. $\frac{1}{4}$ oz., 30 cts. 10
- 1868 **Thompsoni Magnifica.** Similar to the preceding, but ranging in color from the clearest yellow to the darkest blood-red. $\frac{1}{4}$ oz., 40 cts. 15
- 1866 **Golden Plume.** Bright, golden-yellow plumes. $\frac{1}{4}$ oz., 30 cts. 10
- 1870 **Plumosa, Mixed.** Feathered varieties in all colors. $\frac{1}{4}$ oz., 25 cts.



CENTAUREA CYANUS (Cornflower)

CENTAUREA IMPERIALIS.

(Royal Sweet Sultans.)

This beautiful class is undoubtedly the finest of all Sweet Sultans for cut flower purposes. The beautiful sweet-scented, artistic-shaped flowers are borne on long, strong stems, and when cut will stand for several days in good condition. It is best, in this latitude, to sow very early in the spring, so that they may perfect their flowers before very hot weather comes. (See cut.) We offer the following distinct colors :

PER PKT.		PER PKT.	
1891 Brilliant Rose.....	10	1894 Deep Purple.....	10
1892 Dark Rose.....	10	1895 Delicate Lilac.....	10
1893 Deep Lavender... ..	10	1896 Pure White.....	10
1899 Collection containing a packet each of the 6 colors..	50		
1900 Finest Mixed Colors. ¼ oz., 25 cts.....	5		

VARIOUS CENTAUREAS.

- 1874 **Americana** (*Basket Flower*). A splendid native variety, growing 3 feet high and bearing immense thistle-like blooms of a rosy-lavender color. Very showy in the mixed border and splendid for cutting. ¼ oz., 25 cts. 5
- 1901 **Suaveolens** (*Yellow Sweet Sultan, or Grecian Cornflower*). Very showy, large, bright yellow flowers; sweetly scented and a popular sort for cutting, lasting well. ¼ oz., 25 cts..... 5

WHITE-LEAVED CENTAUREAS.

(Dusty Millers.)

Fine for bedding, vases, hanging-baskets and pots; also extensively used for margins. As an edging to a bed of dark-leaved Cannas or Scarlet Sage these are particularly effective. Sow the seed early indoors, and transplant in May. *The white-leaved Cinerarias are also known as Dusty Millers.* See p. 79.

- 1871 **Candidissima**. Silvery white; leaves broadly cut. Per 1000 seeds, 50 cts..... 15
- 1872 **Gymnocarpa**. Fine-cut silvery foliage; 1½ feet. Per 1000 seeds, 30 cts..... 10

CENTAUREAS

Under this name is included such popular annuals as the Cornflowers, Sweet Sultans, etc. They are favorites in all sections of the country, are perfectly hardy, will grow and do well almost anywhere, and are much in demand as cut flowers.

CORNFLOWERS (*Centaurea Cyanus*).

These are also known as Bachelor's Buttons, Blue Bottle, Ragged Sailor, Bluet, Kaiser Bloom, and sometimes as Ragged Robbin, but which name belongs to one of the *Lychnis* and frequently results in confusion. It is always best to order by the botanical names. They are well known to every flower lover, and always included in old-fashioned gardens. They usually re-seed themselves, coming up year after year. A bunch of the blue sorts, with a few yellow *Calliopsis*, *Marigolds*, *Calendulas* or *California Poppies*, makes a very rich combination.

- PER PKT.
- 1876 **Cyanus Blue**. The favorite dark blue sort so much in demand for cutting. Per oz., 30 cts..... 5
- 1877 — **Rose**. Per oz., 40 cts..... 5
- 1878 — **White**. Per oz., 40 cts..... 5
- 1880 — **Mixed**. Blue, white, rose, etc. Per oz., 25 cts.. 5
- 1881 — **Double Blue**. This was introduced by us in 1907, and is now a standard variety and largely used by the commercial florist, who quickly recognized its value as a cut flower. It is identical in color to the popular single blue variety, which is so much in demand for cutting especially for buttonieres, but, being a full, double flower, it takes fewer of them to make a nice bunch, and it is better in every way. ¼ oz., 50 cts.; 2 pkts., 25 cts..... 15
- 1890 — **Double-flowered Mixed**. All colors, including blue, rose, white, etc. Per oz., 50 cts..... 10



CENTAUREA IMPERIALIS (Royal Sweet Sultan)



SINGLE ANNUAL CHRYSANTHEMUMS

CERASTIUM.

(Snow in Summer.)

- 1911 **Tomentosum.** A PER PKT. very pretty dwarf, white-leaved edging plant, bearing small white flowers; hardy perennial 15

Chrysanthemums.**PERENNIAL VARIETIES.**

- 1944 **Japanese Hybrids.** Our stock of this comes to us direct from Japan, and is saved from a magnificent collection of over one hundred varieties, and cannot fail to produce satisfactory results. Seed sown in spring will produce flowering plants by fall. 25
- 1945 **Double Early-flowering.** A new race which perfect their blooms in the open ground before frost. Easily grown from seed which may be expected to produce at least 75 per cent. of double-flowering plants in a large range of colors. 25
- 1951 **Hardy Pompon.** A fine strain of the old-fashioned hardy fall-flowering sorts, with double button-like blossoms. Mixed colors 25
- 1946 **Maximum King Edward VII** (*Moon-penny Daisy*). Considered the finest of all, with flowers of extraordinary size, of purest white, perfect form, and exceedingly free-flowering. A splendid addition to this useful hardy perennial. $\frac{1}{4}$ oz., 25 cts. 10

SHASTA DAISY
ALASKA

CHRYSANTHEMUM CORONARIUM

Chrysanthemums.**ANNUAL VARIETIES.**

Showy and effective garden favorites, extensively grown for cut flowers. The following hardy annuals are summer-flowering border plants, and quite distinct from the hardy perennial and autumn-flowering varieties.

PER PKT.

- 1925 **Inodorum Plenissimum** (*Double White Mayweed*). Makes a bushy plant about 2 feet high, with fine feathery foliage and pure white, intensely double flowers, which are produced from mid-summer till frost; splendid for cutting. $\frac{1}{4}$ oz., 25 cts. 10
- 1926 **Segetum, Evening Star, or Helios** (*Corn Marigold, or Annual Golden Marguerite*). A splendid variety for cutting; flowers 3 inches across, of pure golden-yellow; in general appearance resembles the yellow Paris Daisy. $\frac{1}{4}$ oz., 25 cts 10
- 1923 **Coronarium, Double Mixed.** Yellow, white, etc., (See cut.) Oz., 30 cts 5
- 1930 **Single Mixed** (*Painted Daisies*). Many colors. Oz., 30 cts 5
- 1929 **Collection** of 8 distinct summer-flowering annual varieties 30

SHASTA DAISIES.

(Chrysanthemum Leucanthemum.)

- 1948 **Alaska.** A splendid hardy perennial variety, with flowers rarely less than 5 inches across, of the purest glistening white, with broad overlapping petals, and borne on long strong stems; a beautiful cut flower, remaining in good condition a week or more. 5 pkts., \$1.00.... 25
- 1950 **Shasta Daisy.** A general mixture saved from a large number of extra choice hybrids, and certain to produce a large number of varieties of great merit. 2 pkts., 25 cts 15

CINERARIA.

Beautiful flowering plants for the house or conservatory during the spring months.

Seed should be sown from May to September for succession. Where only one sowing is made, July should be preferred. Cinerarias grow so freely that the seedlings may go straight from the seed-pans to thumb-pots. After transplanting, place in a cold frame facing north, if possible. When the pots become full of roots, shift into larger ones till the flowering size is reached. Our prize strain is justly celebrated for all good qualities, being especially noted for size, coloring and texture.

- 1963 **Dreer's Prize Dwarf.** Dwarf compact plants not over a foot high with immense heads of large individual flowers in a great range of beautiful colors. 35
- 1964 **Dreer's Prize Tall.** Of taller growth than the above with flowers of extraordinary size. 35
- 1961 **Matador.** The new large flowering scarlet, which adds considerable life and brilliancy to a collection. 50
- 1966 **Stellata (Star Cineraria).** A charming variety, with large spreading panicles of starry flowers in the same variety of colors as the ordinary Cineraria; the extreme grace and elegance of the plant and flowers make them wonderfully effective for the decoration of the house and conservatory and especially so for church decoration; also useful for cutting. 25

WHITE-LEAVED CINERARIA.

(Dusty Miller.)

- 1971 **Maritima Candidissima.** These, as well as the white-leaved Centaureas offered on page 77, are called "Dusty Millers." Fine for bedding, ribbon beds and margins; prized for their beautiful downy, silvery foliage; half hardy perennials, but should be treated as annuals; 2 feet. $\frac{1}{4}$ oz.; 25 cts. 5



CINERARIA MARITIMA



CLARKIA

CLARKIA.

This pretty and easily grown annual has been much improved in recent years, and the varieties offered below are now seen as cut flowers in most of the large cities of Europe; they do well either in sun or shade growing 2 to 2½ feet high, with leafy racemes of double flowers, which all open in water when cut. (See cut,)

- 1981 **Alba Fl. Pl.** Very double, pure white. 10
- 1984 **Brilliant.** Rich crimson scarlet; very double. . . . 10
- 1982 **Salmon Queen.** Extra double, salmon-pink. . . . 10
- 1983 **Scarlet Queen.** A brilliant orange-scarlet, a rare shade. 10

A pkt. each of the 4 sorts, 30 cts.

CLEOME (Giant Spider Flower).

- 2002 **Gigantea.** In our trial grounds this proved to be the finest Cleome we had ever seen. The plants attain a height of 3½ feet, well branched, each branch terminated by a large head of bright rosy-crimson flowers. It makes a striking subject for large beds or for interspersing in the shrubbery border, and is used extensively in many of the public parks. Seed should be sown in the open ground as soon as the weather is warm and settled, and the plants given sufficient room to develop their full beauty. $\frac{1}{4}$ oz., 25 cts. 10
- 2003 **Gigantea Alba.** A splendid pure white variety. . . 10

CLEOME GIGANTEA

**COBÆA (Cups and Saucers Vine).**

A climber of rapid growth, attaining a height of 30 to 50 feet during the season; valuable for covering trellises, arbors, trunks of trees, etc.; will cling to any rough surface. In sowing, place seeds *edgewise* and merely cover with light soil; to get early results start the seed indoors in March or April; can also be sown out-of-doors in May. (See cut.)

- 2021 **Scandens**. Large, bell-shaped purple flowers. $\frac{1}{4}$ oz., 25 cts. 10
 2022 **Scandens Alba**. Pure white. $\frac{1}{4}$ oz., 40 cts. 15

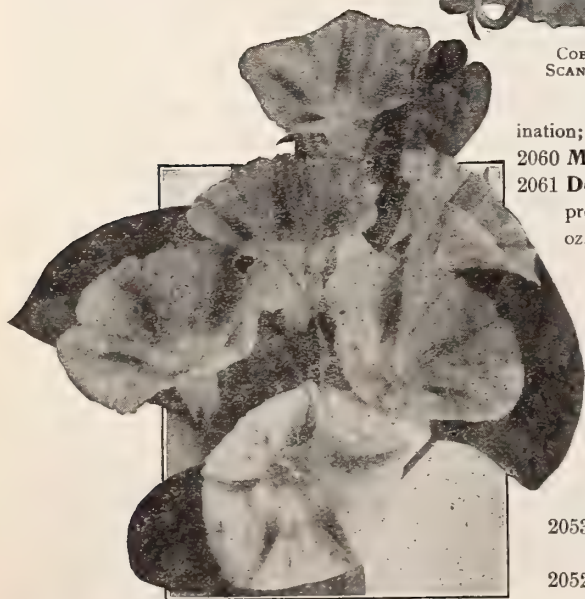
COLEUS (Flame Nettle).

2040 **Dreer's Hybrids**. Our strain of hybrid varieties produces the finest colored, most attractive and novel foliage plants for house or garden culture. A most interesting subject to grow from seed. Easily raised. Sow indoors in March or April. 5

2041 **Ornatus**. Splendid large-leaved variety, with strikingly handsome variegated foliage; of great value for all decorative purposes. 25

COREOPSIS.

2071 **Lanceolata Grandiflora**. This is one of the finest of hardy plants, with large, showy bright yellow flowers produced in the greatest abundance from June till frost. As a cut flower they stand near the head among hardy plants, having long stems and lasting in good condition a week or more. Easily grown from seed, flowering the first year if sown early. (See cut.) $\frac{1}{4}$ oz., 25 cts. 10

COBÆA
SCANDENS

CONVOLVULUS MAJOR (Morning Glory)



COREOPSIS

Convolvulus
(Morning Glory)**MAJOR, or CLIMBING
MORNING GLORIES.**

Deservedly very popular, as they are one of the most free-flowering and rapid growing plants in cultivation, thriving in almost any situation; the beauty and delicacy of their brilliant flowers are unsurpassed. Soaking the seeds in warm water for an hour or two hastens germination; annuals 15 feet. (See cut.)

- 2060 **Mixed**. All colors. Per oz., 25 cts. 5
 2061 **Double Flowering**. About 80 per cent. of the seedlings will produce double flowers, the remainder semi-double or single. Per oz., 50 cts. 10

2059 **Imported Collection** of 10 varieties. 40

Imperial Japanese or Emperor Morning Glories are offered on page 93.

Minor, or Dwarf Morning Glories.

While these are called dwarf Morning Glories, they really remain open all day in fine weather, and are rich colored, handsome dwarf plants, and not as well known as they should be; they make a fine border, or can be grown in masses in beds, producing an unusually brilliant effect.

- 2053 **Minor Roseus Superbus**. A very attractive sort, with glistening satiny rose-pink flowers. Per oz., 25 cts. 5
 2052 **Minor Tricolor, Mixed**. A very large range of color, from pure white to deep purple; annual; 1 foot. Per oz., 20 cts. 5



GIANT-FLOWERING COSMOS LADY LENOX

COSMOS.

Beautiful autumn-blooming plants. They produce thousands of artistic flowers in pure white, pink and crimson shades, furnishing an abundance of cut blooms for autumn decorations when other flowers are scarce. Should be sown in spring in the open ground, when danger of frost is past, or the seed may be started under cover and afterwards transplanted. Plant not less than 18 inches apart in rows or in masses in beds. When the plants are about a foot high the tops should be pinched out to induce a bushy growth. They prefer a rather light, not too rich soil, but do well almost anywhere. The sorts offered below produce the finest flowers, but bloom late, and for points north of Philadelphia it is safer to get the extra early flowering type.

Mammoth Perfection. A magnificent selection, bearing flowers of mammoth size and perfect form. We offer the following colors.

- | | PER PKT. |
|---|----------|
| 2081 Crimson. Rich and deep. $\frac{1}{4}$ oz., 25 cts. | 10 |
| 2082 Light Pink. A popular color. $\frac{1}{4}$ oz., 25 cts. | 10 |
| 2083 Pure White. $\frac{1}{4}$ oz., 25 cts. | 10 |
| A packet each of the three colors, 25 cts. | |
| 2090 Mixed Mammoth Perfection. $\frac{1}{4}$ oz., 20 cts. | 10 |
| 2084 Giant Pink Lady Lenox. This is the latest development in this popular autumn flower, bears gigantic flowers, with wide, overlapping petals of splendid substance, making a perfectly circular flower, which is borne on very long stems, in color a beautiful deep rosy-pink. $\frac{1}{4}$ oz., 30 cts. | 10 |
| 2085 Giant White Lady Lenox. The white flowered form of the above. $\frac{1}{4}$ oz., 30 cts. | 10 |
| 2100 Large-flowering, Mixed. A very good grade. $\frac{1}{4}$ oz., 15 cts. | 5 |
| 2092 "Klondyke." Golden-yellow flowers, borne on long stems and measure from $2\frac{1}{2}$ to $3\frac{1}{2}$ inches across. To get this variety in bloom before frost in the States north of Virginia it should be grown in pots or boxes, so that the roots are confined, thus throwing it into flower. | 10 |

EXTRA EARLY COSMOS.

Seeds sown in the open ground April 27th produced plants that were covered with bloom July 20th, two months before the late-flowering kinds. While the flowers are not so large as the late sort, they are of good size, and will undoubtedly perfect their blooms in the most northerly States.

- | | PER $\frac{1}{4}$ OZ. | PER PKT. |
|--|-----------------------|----------|
| 2091 Dawn. White, flushed pink. .30 cts. | 30 | 10 |
| 2094 Deep Crimson. Very rich. .30 | 30 | 10 |
| 2095 Pink. A pretty shade 30 | 30 | 10 |
| 2096 Pure White. 30 | 30 | 10 |
| A pkt. each of the 4 colors for 30 cts. | | |
| 2097 Mixed. All colors. $\frac{1}{4}$ oz., 25 cts. | 25 | 10 |

COWSLIP (Primula Veris).

- 2110 **Mixed.** A beautiful hardy spring-flowering perennial; flowers of different colors, such as yellow, brown edged yellow, etc. Very fragrant. 6-in. 10
- 2112 **Invincible Giant.** Quite distinct from the ordinary Cowslip, both in the stronger growth of the plant and in the massive flowers, which are borne on stout stems 12 to 15 inches high. The colors range from pure yellow and orange to the deepest scarlet and crimson. 25



MAMMOTH PERFECTION COSMOS



CYPRESS VINE

DAHLIAS.

One of the best late summer and autumn flowering plants, and now enjoying a wide popularity; the double sorts will bloom the first season if the seed is sown before the beginning of April; the single sorts will bloom from seed sown in the open ground as late as June, although an earlier start is better.

PER PKT.

2186 Twentieth Century.

In size the flowers are giants, $4\frac{1}{2}$ to 7 inches across, and in color vary from almost pure white to deep crimson-lake. Like most Dahlias, seedlings are likely to come somewhat variable. 2 packets for 25 cts. 15

2181 Colossal Pæony-flowered.

French strain, producing mammoth semi-double Pæony-like flowers in a bewildering range of colors. 15

2185 Colletterte. A novel type, having a row of short petals around the disc like a frill or collar, and which is always of a different color to the regular petals; mixed colors. 15**2182 Giant Perfection.** This strain produces single flowers of immense size, averaging 6 inches across, in a great variety of coloring. $\frac{1}{4}$ oz., 50 cts. 15**2190 Single Mixed.** All colors. $\frac{1}{4}$ oz., 25 cts. 5**2188 Collection** of 6 distinct single sorts. 50**2196 Double Cactus.** This type is very desirable. Many colors. $\frac{1}{4}$ oz., 50 cts. 15**2197 Giant Double Decorative.** This comes from a famous French hybridizer, who states that it has been saved from a superb collection containing a very varied range of colors, with flowers frequently 8 inches across, retaining their graceful form notwithstanding their enormous dimensions. 25**2200 Double Large-flowering.** Saved from fine double show sorts. $\frac{1}{4}$ oz., 50 cts. 10**THE CARDINAL CLIMBER.**

If you need a pretty flowering vine be sure and try this, shown in colors and fully described with other Novelties and Specialties on pages 53 to 62. Price, 15 cts. per pkt.; 2 pkts. for 25 cts.

CYCLAMEN.

Charming house plants, with beautiful foliage and rich colored, fragrant flowers; universal favorites for winter and spring blooming. The Giant varieties have large leaves and stout flower stalks, throwing the flowers well above the foliage. Seed may be sown any time during the spring or autumn.

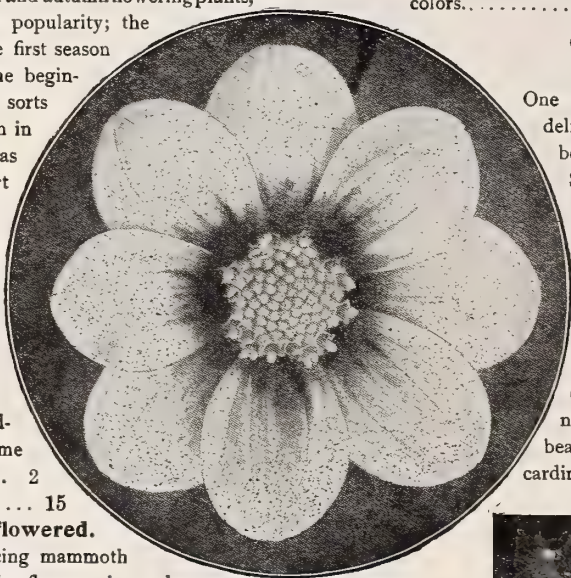
PER PKT.

2120 Persicum. A very fine strain, not so large, but easier to grow, than the Giants; mixed colors. 15**2125 Giant Pure White.** 25**2126 — White** with carmine eye. 25**2127 — Dark Blood-red.** 25**2128 — Delicate Rose** with deep crimson eye. 25**2122 — Salmon.** New salmon-colored giant-flowering variety, the brightest of all. 35**2130 — Finest Mixed.** Saved from a superb collection. 25**2123 Butterfly.** In this type the edges of the flowers are beautifully fringed or waved; for house or conservatory decoration they are of surpassing beauty. Mixed colors. 50**CYPRESS VINE.**

(Ipomoea Quamoclit.)

One of the most popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers. Sow in May, first soaking the seeds in warm water for a few hours. 15 feet.

PER PKT.

2156 Scarlet. Per oz., 40 cts. 5**2157 White.** Per oz., 40 cts. 5**2160 Mixed.** White and scarlet, Per oz., 30 cts. 5**2158 Quamoclit Hybrida (The Cardinal Climber).** The best annual climber introduced in many years; beautiful fern-like foliage and brilliant cardinal flowers. 2 pkts., 25 cts. 15GIANT PERFECTION
SINGLE DAHLIA

DOUBLE CACTUS DAHLIAS

DELPHINIUM (Hardy Perennial Larkspur).

Mr. W. C. Egan, the well-known amateur and writer on horticultural subjects, says of Delphiniums :

“Sow the seeds in early spring indoors or in hotbeds in shallow boxes. When the seedlings are about three-quarters of an inch high, transplant to flats three or four inches apart each way, and a week or ten days before planting out time remove the flats to open air, protecting them cold days or nights; this hardens them off and prevents any set-back when planted out.

“Spring-sown plants bloom in July and August. They take up very little room, for they may be planted six to eight inches apart the first season. The following spring the choicer ones may be planted in permanent quarters in groups of three or more, or in larger groups in the shrubbery border or to the rear of hardy perennials, two or three feet apart. In two or three years they should be taken out, the beds heavily manured, the plants reset and more room given each plant.”

They can also be sown in the open ground in spring, but would not likely flower until the second year.

We also offer among other specialties, on pages 53 to 62, a number of the very choicest of the new hybrids:

- 2238 **Gold Medal Hybrids.** PER PKT. This is an extra fine strain of strong, vigorous habit, with immense spikes from 2 to 3 feet long of large flowers, mostly in fine shades of light blue. $\frac{1}{4}$ oz., 50 cts. 15



DELPHINIUM BELLADONNA
(Everblooming Hardy Larkspur)

- 2218 **Belladonna** (*Everblooming Hardy Larkspur*). This is the freest and most continuous blooming Hardy Larkspur. The clear turquoise blue of its flowers is not

equalled for delicacy and beauty. A really exquisite variety. 5 pkts., \$1.00 PER PKT. 25

- 2223 **Chinense** (*Blue Butterfly*). A distinct and neat variety, growing about 18 inches high, with fine feathery foliage, and producing freely spikes of large blossoms of intense gentian-blue. $\frac{1}{4}$ oz., 25 cts. 5
- 2222 — **Album.** The white-flowered form. $\frac{1}{4}$ oz., 25 cts. 5
- 2225 **Elatum** (*Bee Larkspur*). Rich blue of various shades with black centres; grows 3 to 5 feet high. $\frac{1}{4}$ oz., 30 cts. 10
- 2231 **Formosum.** Beautiful spikes of rich blue flowers, with a white centre; 2½ feet. $\frac{1}{4}$ oz., 30 cts. 10
- 2236 **Hybridum Fl. Pl.** Finest double mixed in great variety of charming colors. $\frac{1}{4}$ oz., 50 cts. 15

For New Named Hybrid Delphiniums see Novelties and Specialties, pages 53 to 62.

DATURA (Trumpet Flower).

Ornamental annuals, with large and showy flowers, making handsome plants, 2 to 3 feet high.

- 2214 **Double Golden.** Deep golden-yellow; delightfully fragrant. 10
- 2213 **Fastuosa Huberiana.** Large double flowers of various colors. $\frac{1}{4}$ oz., 20 cts. 5
- 2212 **Cornucopia** (“*Horn of Plenty*”). A grand variety; the flowers average 8 inches long by 5 across; French white inside, purple outside; delightfully fragrant; started early will flower from early summer until fall. 10



GOLD MEDAL HYBRID DELPHINIUMS



DIANTHUS OR PINKS

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The varieties classed as annuals are really biennials, but are treated as annuals and may be sown out of doors when the danger from frost is past, and in a few weeks' time they are a mass of bloom, continuing so until after hard frost. As a rule, they survive the winter if given slight protection, flowering abundantly the following season. They grow about a foot high and can be used in beds or borders of solid or mixed colors. The double-flowering sorts are almost as fine as Carnations for cutting. They are not particular as to soil, but should have a sunny location.

DOUBLE ANNUAL PINKS.

PER PKT.

2250 **Chinensis Fl. Pl.** (*China or Indian*

Pink). Blooms in clusters, flowers very double and in a large range of bright colors.

$\frac{1}{4}$ oz., 25 cts. 5

2255 **Violet Queen.** Rich violet, an unusual

shade. $\frac{1}{4}$ oz., 50 cts. 10

2260 **Diadematus Fl. Pl.** (*Double Diadem*

Pink). Beautiful double flowers; mixed, of various tints of lilac, crimson, purple,

to very dark purple, with the outer edges fringed and nearly white. $\frac{1}{4}$ oz., 30 cts. 5

2266 **Snowball.** Large double white, splendid for cutting

or as a border. $\frac{1}{4}$ oz., 30 cts. 5

2267 **Mourning Cloak** (*White Frill*). Rich, blackish,

velvety crimson, margined with pure white. $\frac{1}{4}$ oz., 30 cts. 5

2268 **Salmon King.** Brilliant salmon rose 15

2270 **Heddewigi Fl. Pl.** (*Double Japan Pink*). Double

mixed. Colors varying from the richest velvety-crimson to the most delicate rose. $\frac{1}{4}$ oz., 25 cts. 5

2277 **Fireball.** Rich, blood-red flowers. Makes a striking

contrast to the pure white variety Snowball. $\frac{1}{4}$ oz., 30 cts. 5

2280 **Imperialis Fl. Pl.** (*Double Imperial Pink*). Double mixed in a very large range of colors. $\frac{1}{4}$ oz.,

25 cts. 5

2283 **Striped Beauty.** Striped in great variety of colors.

Very gay. $\frac{1}{4}$ oz., 30 cts. 5

2290 **Laciniatus Fl. Pl.** (*Double Fringed Pink*). Large,

double, showy flowers, with fringed edges, in a great variety of colors, including beautifully striped sorts,

mixed colors. $\frac{1}{4}$ oz., 30 cts. 5

2300 **Nobilis Fl. Pl.** (*Double Royal Pinks*). A double

flowering form of the Royal Pinks. Flowers of largest size, varying in color from scarlet to dark blood-red

and rose to white. 10



GROUP OF DOUBLE ANNUAL PINKS

2287 **Mirabilis Fl. Pl.** (*Double Marvellous Pink*). PER PKT.

Large, wonderfully fringed double flowers on long, stiff stems, the colors ranging from pure white through all the shades of rose to dark crimson. 10

2288 **Lucifer.** A new double-flowering form of the bright

geranium-red single Pink Vesuvius, offered on next page. The nicely fringed double flowers are about 2 inches across, and, owing to its intense, dazzling color, is sure to become a general favorite. 15

2289 **Collection Brilliant Dianthus.** Containing a packet each of six of the best double and six of the best single sorts, 60 cts.

HARDY GARDEN PINKS (*Dianthus Plumarius*).

These varieties are well adapted for beds and borders; delightful, refreshing, spicy odor; should be in every garden where cut flowers are wanted, and make a fine edging to a hardy border.

2340 **Plumarius** (*Grass Pink, Scotch Pink, or Pheasant-* PER PKT.

eye Pink). A beautiful single hardy Pink, with fringed-edged white flowers, with a dark centre. $\frac{1}{4}$ oz., 25 cts. 5

2337 **Plumarius Fl. Pl.** (*Double Hardy Garden Pinks*). Double and semi-double varieties in beautiful colors.

$\frac{1}{4}$ oz., 50 cts. 10

2336 **Plumarius Semperflorens** (*Everblooming Hardy*

Garden Pink). Very beautiful, sweet-scented, double, semi-double and single flowers in great diversity of color 25

2338 **Plumarius Nanus Fl. Pl.** (*Double Dwarf Erfurt* PER PKT.

Clove Pink). This new strain is of compact growth and early flowering, coming into bloom two weeks or more

in advance of any other variety. They possess the spicy clove fragrance of the old-fashioned Pink, and have a much richer variety of coloring. 2 pkts., 25 cts. 15

2343 **Latifolius Double Mixed.** In addition to the brilliant

crimson scarlet sort offered above, this mixture contains purple, violet and rose. $\frac{1}{4}$ oz., 30 cts. 10

DIANTHUS, or PINKS

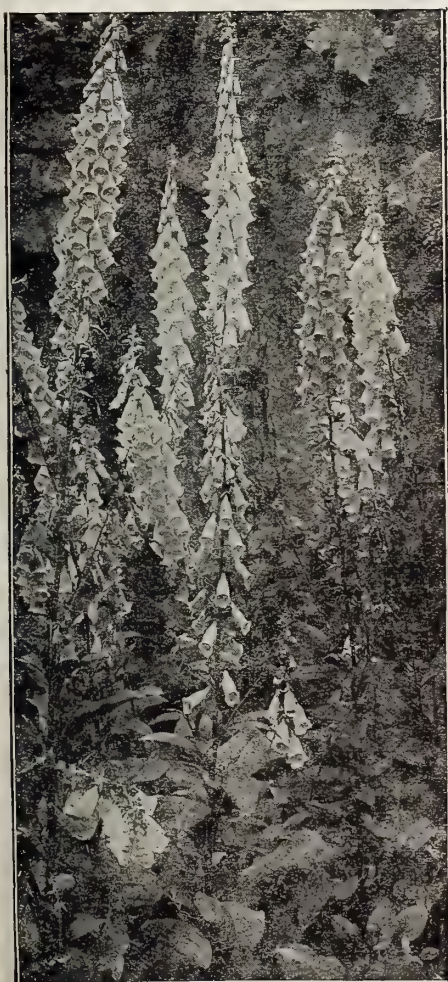
SINGLE ANNUAL PINKS.

All the single sorts have large flowers 2 to 3 inches in diameter; their many and brilliant colors make them very desirable for beds and borders; 1 foot.

- | | PER PKT. |
|--|----------|
| 2301 " Crimson Belle. " Rich velvety-crimson. Per $\frac{1}{4}$ oz., 25 cts. | 5 |
| 2302 " Eastern Queen. " Beautifully marbled rose and mauve flowers. Per $\frac{1}{4}$ oz., 25 cts. | 5 |
| 2303 Nobilis (<i>Royal Pinks</i>). Selected and improved varieties of the popular single-flowering Japan Pink. The colors vary from white to dark red. $\frac{1}{4}$ oz., 40 cts. | 10 |
| 2310 Heddewigi (<i>Single Japan Pink</i>). Finest selected single-flowered, mixed. Per $\frac{1}{4}$ oz., 25 cts. | 5 |
| 2315 Punctatus (<i>Princess Pinks</i>). A very novel variety, with fringed flowers, mottled, flaked, spotted and striped in the greatest diversity of colors. $\frac{1}{4}$ oz., 40 cts. | 10 |
| 2316 Marvelous . This remarkable strain produces large flowers, with the petals deeply cut into fine strips of thread-like fringes; all shades from pure white to deep purplish-red. $\frac{1}{4}$ oz., 40 cts. | 10 |



GROUP OF SINGLE ANNUAL PINKS



DIGITALIS GLOXINIAEFLORA (FOXGLOVE)

- | | PER PKT. |
|---|----------|
| 2317 " Salmon Queen. " The well-formed, nicely-fringed flowers are a brilliant salmon color, changing into a salmon-rose when fading. The seeds of this variety are white or yellowish-white; those of other annual Pinks are dark brown or black. | 10 |
| 2319 Vesuvius . Brilliant geranium-red; makes a very effective bed or border. Per $\frac{1}{4}$ oz., 50 cts. | 10 |
| 2320 Laciniatus (<i>Single-Fringed Pink</i>). A beautiful fringed variety; various colors. Per $\frac{1}{4}$ oz., 25 cts. | 5 |
| 2289 Collection Brilliant Dianthus . Containing a packet each of six of the best double and six of the best single sorts | 60 |

DIGITALIS (Foxglove).

Handsome and highly ornamental hardy plants of stately growth, succeeding under almost all conditions, and with but little attention will give a wealth of flowers during June and July. They are now used extensively with good effect for naturalizing in shrubberies, the edge of woods and other half-shady places; 3 to 5 feet.

Gloxiniæflora. This is a fine strain of the ordinary Foxglove *D. purpurea*, with handsome spotted Gloxinia-like flowers on long spikes.

- | | PER PKT. | | PER PKT. |
|---|----------|--|----------|
| 2356 — Purple. $\frac{1}{4}$ oz., 30 cts. | 10 | 2357 — Rose. $\frac{1}{4}$ oz., 30 cts. | 10 |
| 2358 — White. $\frac{1}{4}$ oz., 30 cts. | 30 | | |
| 2360 Gloxiniæflora, Mixed. All colors. $\frac{1}{4}$ oz., 25 cts. | 5 | | |
| 2366 Grandiflora. Light yellow flowers in good spikes. $\frac{1}{4}$ oz., 25 cts. | 5 | | |
| 2367 Maculata Superba. An extra choice strain of beautifully spotted sorts. $\frac{1}{4}$ oz., 30 cts. | 10 | | |
| 2370 Monstrosa (<i>Mammoth Foxglove</i>). Long spikes, surmounted by one enormous flower; very odd; all colors mixed. $\frac{1}{4}$ oz., 40 cts. | 10 | | |
| 2371 Lanata. A distinct species, producing dense spikes, 2 to 3 feet high, of odd-looking flowers, the corolla being gray, the lip creamy white. | 10 | | |

DIMORPHOTHECA (African Golden Daisy).

PER PKT.

- 2375 **Aurantiaca**. An extremely showy annual Daisy from South Africa, which suits our climatic conditions perfectly. The bushy plants grow 12 to 15 inches high. The flowers which are 2½ inches and over across, are a unique, rich, glossy orange-gold, with dark disc and halo. These glitter in the sunshine and present a magnificent sight when in full bloom. Seed may be sown in the same way as Asters or Petunias, and should have a dry, sunny position. They bloom the greater part of the summer and fall. ¼ oz., 50 cts. 10
- 2374 **Aurantiaca Hybrida**. Beautiful new hybrids of the African Golden Daisy, and similar in habit to the parent; flowers equally as large, but varying in color from the purest white through the various shades of yellow and orange to rich salmon shades, many being zoned with several of these colors around the black disc. 2 pkts., 25 cts. 15

DOLICHOS (Hyacinth Bean).

A rapid-growing annual climber, flowering freely in erect racemes, followed by ornamental seedpods; for covering arbors, trellises, etc. Sow the seed in the garden in May where they are to remain; 10 feet. (See cut.)

- 2377 **"Daylight."** This grand Hyacinth Bean comes from Japan. In our trial ground seed sown late in May had by the middle of July attained a height of over 10 feet,

and was covered with spikes of snow-white pea-shaped blossoms from then until late fall. The heart-shaped foliage is bright green and not affected by insect pests. Per oz., 30 cts. . . 10

- 2376 **"Darkness."** Identical in every way to the above, except in color, which is rich purple-violet. Per oz., 30 cts. 10
- 2380 **Lablab, Mixed**. Purple and white. Per oz., 20 cts. 5

DRACAENA (Dragon plant).

- 2386 **Indivisa**. Beautiful ornamental-leaved plants; long, narrow, green foliage; indispensable for vases and house decorations. 10

ECHINOCYSTIS.

(Wild Cucumber Vine.)

- 2401 **Lobata**. One of the quickest growing annual vines we know of; splendid for covering trellises, old trees, fences, etc. Clean, bright green foliage and spays of white flowers during July and August. (See cut.) Per oz., 30 cts. 5

ECHINOPS (Globe Thistle).

- 2404 **Ritro**. Striking hardy perennial plants, with handsome silvery thistle-like foliage and fine steel-blue flowers in round heads, which can be used for cutting. Excellent for the back of the hardy border among other tall plants; 3 to 5 feet 10

ERYNGIUM (Sea Holly).

- 2421 **Amethystinum**. Handsome ornamental hardy plants, growing 2 to 3 feet high, with finely-cut, spiny foliage and beautiful thistle-like heads of amethystine-blue; fine for winter bouquets 15



DIMORPHOTHECA



ECHINOCYSTIS LOBATA



DOLICHOS (Hyacinth Bean)



ESCHSCHOLTZIAS OR CALIFORNIA POPPIES

ESCHSCHOLTZIA (California Poppy, Gold Cups).

Very attractive annuals for beds, edgings, or masses; profuse-flowering, fine-cut, glaucous foliage; in bloom from June to frost; the Golden sorts and the blue Larkspur or Cornflower form a beautiful combination, either in the garden or when cut; 1 foot. (See cut.)

	PER PKT.		PER PKT.
2423 Californica . Bright yellow. Oz., 30 cts.	5	2422 Crimson King . An extra fine selection of this rich crimson variety. Oz., 50 cts.	10
2425 — Aurantiaca . Rich orange. Oz., 30 cts.	5	2426 Mandarin . Inner side of the petals rich orange, the outer side brilliant scarlet. Per oz., 30 cts.	5
2432 Cross of Malta . Pure yellow with orange blotch at base of petals, forming a Maltese Cross; light grey-green foliage. Oz., 30 cts.	5	2428 Golden West . Very large flowers; buttery-yellow, with orange centre. Oz., 50 cts.	10
2431 Caniculata Rosea . Beautifully fluted flowers of a bright rosy-pink. Oz., 50 cts.	10	2430 Single Mixed . All colors. Oz., 25 cts.	5
2429 Collection of a packet each of the above 7 named sorts.	40 cts.	2440 Double Mixed . All colors. Oz., 40 cts.	5

ERYSIMUM (Fairy Wallflower).

- 2411 **Perofskianum**. We sent out for trial the past two seasons a number of packets of this annual, and have received so many favorable reports that we have concluded to add it to our list. The plants grow about 18 inches high, bearing throughout the summer dense racemes of brilliant orange-yellow Wallflower-like flowers, a rather unusual color in annuals. It is of the simplest culture. Sow the seed in the open ground in spring and give it a sunny position. Oz., 25 cts. 5

EUPHORBIA.

Strong-growing annuals, suitable for beds of tall-growing plants or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental.

PER PKT.

- 2452 **Variegata** (*Snow on the Mountain*). Attractive foliage; veined and margined with white; 2 feet. (See cut.) Per oz., 30 cts. 5

- 2451 **Heterophylla** (*Annual Poinsettia, Mexican Fire Plant, Painted Leaf*). An annual resembling in habit and color the beautiful hothouse Poinsettia. The plants grow 2 to 3 feet high, of branching, bush-like form, with smooth, glossy-green leaves which about midsummer become a beautiful orange-scarlet, presenting a striking and brilliant appearance. 15

EUPATORIUM (Thorough Wort).

Strong-growing, hardy perennials, well suited for naturalizing, and deserve a place in every hardy border; they will grow and thrive in almost any situation; will flower the first year if sown early.

- 2442 **Ageratoides**. A very useful variety, growing 3 to 4 feet high, with dense heads of minute white flowers from August to October. 10
- 2443 **Cœlestinum**. One of the best blue perennials, 18 to 24 inches high, and bears from August till frost an abundance of deep lavender-blue, flossy flowers, splendid for cutting. 10
- 2441 **Fraseri**. A very pretty dwarf variety, producing clusters of snow-white flowers; fine for cutting and bouquets; 1½ feet. 10



EUPHORBIA VARIEGATA (Snow on the Mountain)



EUPATORIUM AGERATOIDES AND CŒLESTINUM



GROUP OF SINGLE AND DOUBLE ANNUAL GAILLARDIAS

GAILLARDIA (Blanket Flower). Annual Varieties.

Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer till November; excellent for beds, borders, or for cutting; should be sown where they are to bloom; 1½ feet. (See cut.)

- PER PKT.
- 2496 **Picta**. Crimson and orange. ¼ oz., 25 cts. 5
- 2500 **Picta Mixed**. Single sorts; fine colors. ¼ oz., 25 cts. 5
- 2498 **Lorenziana, "The Bride."** The double annual Gaillardias have always been favorites both as cut flowers and for bedding, and this new very double creamy-white sort is particularly desirable for cutting, the flowers being of good size and borne on very long stems. 2 pkts. for 25 cts. 15
- 2497 **Lorenziana Mixed**. A charming, profuse, double-flowering strain; beautiful mixed colors. ¼ oz., 30 cts. 5

Hardy Perennial Varieties.

The following are among the showiest and most effective hardy perennial plants, and should find a place in every hardy border. They thrive in almost any position or soil, require little or no protection and take care of themselves. If sown early they begin flowering in July, continuing a mass of bloom until frost; fine for cutting; 2 feet.

- 2503 **Kermesina Splendens**. Centre rich crimson, narrow canary-yellow border. 15
- 2502 **Grandiflora Compacta**. A compact variety, forming bushy plants 12 to 15 inches high, and bearing its long-stemmed flowers well above the foliage. In coloring the flowers are as rich and varied as those of the tall-growing sort. ¼ oz., 50 cts. 15
- 2510 **Grandiflora Superba**. Our own saving. Splendid combinations of crimson and gold in great variety. ¼ oz., 30 cts. 10

GAURA.

PER PKT.

- 2511 **Lindheimeri**. A graceful perennial 3 to 4 feet high, bearing numerous spikes of rosy-white flowers from July till frost. This plant is largely used throughout Europe for interspersing in beds of Begonias, Geraniums, etc., giving an air of grace to what would otherwise be stiff and formal. ¼ oz., 25 cts. 5

GERANIUM (Pelargonium).

- 2530 **Zonale, Mixed**. A superb strain of the largest and finest varieties. Very interesting to grow from seed which should be started indoors and transferred to the open in May or June 10

GEUM (Avens).

- 2541 **Atrosanguineum Fl. Pl.** Beautiful hardy perennial, bearing profusely large, showy double dark-crimson flowers all through the summer; an elegant flower for bouquets. (See cut.) ¼ oz., 40 cts. 10

GLOBE AMARANTH.

(Gomphrena.)

Popularly known as "Bachelor's Buttons," a first-rate bedding plant, the flowers resemble clover heads and can be dried and used in winter bouquets. Cornflowers and a number of other flowers are also known as Bachelor's Buttons, and in ordering it is well to order by number to prevent mistakes.

- 2567 **Nana Compacta**. Red; 1 foot. 10
- 2570 **Mixed**. 2 feet. ¼ oz., 25 cts. 5

GLOXINIA.

A superb genus of greenhouse plants, producing magnificent flowers of the richest colors; thrives best in an equal mixture of peat, loam and sand. Sow in March.

- 2578 **Hybrida Grandiflora**. An unsurpassed strain, containing the spotted hybrids as well as the finest self-colored sorts. 50



GEUM ATROSANGUINEUM FL. PL.

GODETIA.

Attractive, hardy annuals, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of satiny texture in many rich and varied colors. They do best in a rather poor soil. 1 foot. (See cut.)

- | | PER PKT. |
|--|----------|
| 2585 Brilliant. Glowing carmine-rose, very bright and satiny. $\frac{1}{4}$ oz., 30 cts. | 10 |
| 2586 Duchess of Albany. Pure white, of compact growth. $\frac{1}{4}$ oz., 25 cts. | 5 |
| 2587 Gloriosa. Large, satiny, brilliant blood-red flowers; richest color of all. $\frac{1}{4}$ oz., 30 cts. | 10 |
| 2588 Rosamond. A new sort, of dwarf habit and large, glossy shell-pink flowers; makes a beautiful border. $\frac{1}{4}$ oz., 30 cts. | 10 |
| 2590 Mixed. All colors. Per oz., 30 cts. | 5 |

ORNAMENTAL GOURDS.

Rapid growing, interesting annual climbers, with ornamental foliage and singular shaped fruit; 15 to 20 feet. Our illustration shows the twelve kinds offered below:

- | | PER PKT. |
|---|----------|
| 2607 Apple-shaped. No. 1. Per oz., 30 cts. | 5 |
| 2611 Bottle-shaped. No. 10. Per oz., 30 cts. | 5 |
| 2612 Dipper, or Calabash. No. 7. Per oz., 30 cts. | 5 |
| 2613 Egg-shaped. Fruit white like an egg. No. 4. Per oz., 30 cts. | 5 |
| 2614 Hercules' Club. Club-shaped; 4 feet long. No. 12. Per oz., 30 cts. | 5 |
| 2615 Luffa (Dish-rag, Sponge or Bonnet Gourd). No. 9. Per oz., 30 cts. | 5 |
| 2616 Orange-shaped. (<i>Mock Orange</i>). No. 3. Per oz., 30 cts. | 5 |
| 2617 Pear-shaped. Striped; very showy. No. 2. Per oz., 30 cts. | 5 |
| 2618 African Pipe. The stem ends of the fruits are much used in making pipes. No. 8. Per oz., 30 cts. | 5 |
| 2619 Spoon. A very odd variety. No. 5. | 10 |
| 2621 Knob Kerrie. A very ornamental variety, bearing fruits having a slender stem 3 to 5 feet long, with a round knob or ball on the end. No. 6. Per oz., 30 cts. | 5 |
| 2622 Turk's Turban. Red striped. No. 11. Per oz., 30 cts. | 5 |
| 2629 Collection of the above 12 varieties, 50 cts. | |
| 2630 Mixed Varieties. All kinds. Per oz., 25 cts. | 5 |



GODETIA

GOLDEN ROD.

(*Solidago Canadensis.*)

- | | PER PKT. |
|--|----------|
| 2601 The well-known golden yellow favorite; hardy perennial; 2 to 5 feet. 10 | |

GREVILLEA.

(*Silk Oak.*)

- | | |
|--|----|
| 2681 Robusta. A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decoration; easily raised from seed, producing good-sized plants in a short time; hardy in Florida and California, where it is popular as an ornamental tree. | 10 |
|--|----|



GREVILLEA ROBUSTA



ORNAMENTAL GOURDS

The CARDINAL CLIMBER

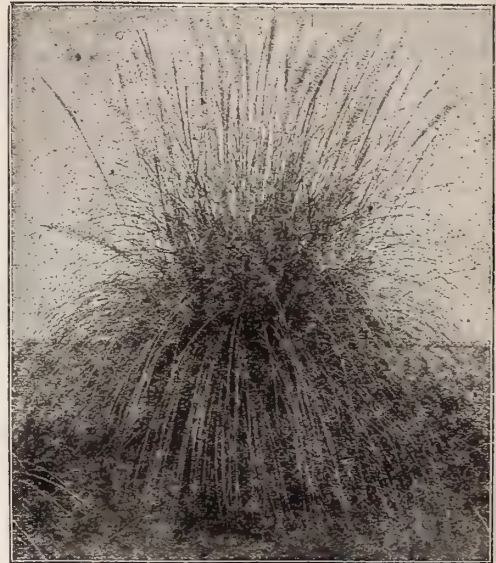
(*Ipomoea Quamoclit*
Hybrida.)

We illustrate this beautiful annual Vine in colors on the plate facing page 54.

ORNAMENTAL GRASSES.

The ornamental Grasses serve the double purpose of rendering the mixed flower-bed or border attractive during the summer and for the use of the spikes or panicles in a dried state in winter bouquets. For large beds or groups on lawns nothing gives a finer effect, and they are now largely used in prominent positions in many of the finest public parks, etc. The following are the most popular varieties:

- | | PER PKT. |
|--|----------|
| 2638 Agrostis Nebulosa (<i>Cloud Grass</i>). An airy and graceful annual Grass, grows 18 inches high and looks like a line of mist when in bloom. Beautiful to mix with cut flowers. $\frac{1}{4}$ oz., 30 cts. | 10 |
| 2641 Briza Maxima (<i>Quaking Grass</i>). In great demand for grass bouquets..... | 5 |
| 2644 Coix Lachrymae (<i>Job's Tears</i>). Broad, corn-like leaves and hard, shining pearly seeds; annual. Per oz., 20 cts. | 5 |
| 2646 Erianthus Ravennae (<i>Hardy Pampas</i>). Perennial; exquisite plumes resembling the Pampas..... | 10 |
| 2647 Eulalia Zebrina (<i>Zebra Grass</i>). Light green, barred with creamy white. Variegation runs across foliage..... | 10 |
| 2648 — Variegata . Long, narrow, green leaves, striped with white; fine feathery plumes; very ornamental..... | 10 |
| 2651 Gynierium Argenteum (<i>Pampas Grass</i>). White silvery plumes; perennial; blooms the second season..... | 10 |
| 2654 Pennisetum Longistylum . Extremely graceful greenish-white plumes; excellent for beds; annual; 2 feet. $\frac{1}{4}$ oz., 25 cts. | 5 |
| 2655 — Rueppelianum (<i>Purple Fountain Grass</i>). Graceful green foliage and purplish plumes, unequalled as an edging to a bed of Cannas or other tall plants; annual; 3 ft. (See cut.) Per $\frac{1}{4}$ oz., 30 cts. | 10 |
| 2656 — Japonicum . A new hardy variety, and one of the most valuable for beds or specimens. Easily grown from seed, making nice plants the first year.. | 10 |
| 2658 Stipa Pennata (<i>Feather Grass</i>). Perennial, beautiful, delicate white, feathery bloom; flowering the second season; 2 feet..... | 10 |
| 2661 Uniola Latifolia (<i>Spike Grass</i>). A pretty native perennial variety, with very ornamental graceful drooping panicles, 3 to 4 feet | 10 |
| 2669 Collection of Grasses . 12 varieties, noted above..... | 75 |

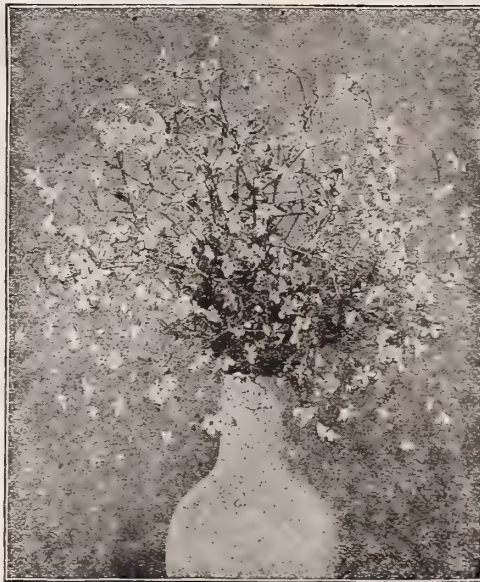


ORNAMENTAL GRASS
PENNISETUM RUEPPELIANUM

GYPSOPHILA.

(*Baby's Breath*.)

Pretty free-flowering elegant plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers.



GYPSOPHILA ELEGANS ALBA GRANDIFLORA

- | | PER PKT. |
|---|----------|
| 2691 Elegans alba grandiflora . This is an improved large-flowering pure white form of the annual Baby's Breath, of free, easy growth, and grown by the acre in the suburbs of Paris and London for use with other cut flowers. Several sowings should be made during the season to keep up a supply. (See cut.) Per oz., 25 cts. | 5 |

- | | |
|--|----|
| 2694 Muralis . An annual sort which forms mounds of green 8 to 10 inches high, thickly studded with little pink flowers from early in the season till frost; fine for edging. Per $\frac{1}{4}$ oz., 25 cts. | 5 |
| 2692 Paniculata . White flowers, fine for bouquets; one of the favorite hardy perennials; blooms first year if sown early; 2 feet. $\frac{1}{4}$ oz., 25 cts. | 5 |
| 2695 Paniculata Fl. Pl. The new double-flowering Baby's Breath, and one of the finest hardy plants either for cutting or the hardy border. 3 pkts. for 50 cts. | 20 |
| 2693 Acutifolia . A strong growing hardy perennial sort, 3 to 4 feet high, with large panicles of small white flowers in July; $\frac{1}{4}$ oz., 25 cts. | 5 |

HELENIUM (*Sneeze Wort*).

Strong-growing hardy perennials, succeeding in any soil, and useful in the hardy border, giving an enormous crop of flowers in late summer.

- | | |
|---|----|
| 2711 Autumnale Superbum . Golden yellow flowers; 5 to 6 feet..... | 10 |
| 2713 Riverton Gem . Flowers opening old gold, changing as they mature to wallflower red; 3 feet. 2 pkts., 25 cts. | 15 |
| 2714 Riverton Beauty . Rich lemon-yellow, with a large purplish-black cone. 2 pkts., 25 cts. | 15 |



HELENIUM RIVERTON BEAUTY

**HELIANTHUS (Sunflower).**

Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens.

SINGLE ANNUAL SUNFLOWERS.

The single Sunflowers are indispensable for cutting. Sown on a sunny spot in April or May they come into bloom early in summer, and keep up a constant supply of flowers until cut down by frost.

- 2701 Cucumerifolius (Miniature Sunflower).** Small, single, rich yellow flowers. An abundant bloomer; 4 feet. $\frac{1}{4}$ oz., 20 cts. PER PKT. 5
- 2703 — Stella (Improved Miniature Sunflower).** Differs from the above by its larger and better formed flowers of the purest golden yellow, with black disc. $\frac{1}{4}$ oz., 20 cts. 5
- 2702 — Orion.** Artistic and effective new variety of "Stella." The petals are twisted like a Cactus Dahlia. $\frac{1}{4}$ oz., 25 cts. 10
- 2700 — New Miniature Mixed.** A multitude of new varieties have been raised from the popular Miniature Sunflower, which we offer in mixture. They all differ from the parent, most of them being larger, and many with curiously twisted petals. The prevailing colors are pale yellow, golden yellow and creamy white, some with black centres, and all beautiful; for cutting they are indispensable. (See cut.) $\frac{1}{4}$ oz., 25 cts. 10
- 2707 — Perkeo.** A charming dwarf variety of the Miniature Sunflower. The plants form compact bushes about 12 inches high by 14 inches through. There are many positions, such as the front of borders or beds of plants of medium height, where this can be used to good advantage, flowering, as it does, from the end of June until cut down by hard frost. $\frac{1}{4}$ oz., 30 cts. 10

NEW MINIATURE SUNFLOWERS

DOUBLE ANNUAL SUNFLOWERS.

- 2697 Cucumerifolius Fl. Pl.** The double-flowering form of the popular Miniature Sunflower. The flowers, while double, are quite free and graceful; of a bright golden-yellow. PER PKT. 10
- 2696 Chrysanthemum-flowered.** Rich golden-yellow flowers, perfectly double, resembling a Chrysanthemum or Dahlia; 7 feet. (See cut.) Per oz., 40 cts. 10
- 2706 Nanus Fl. Pl. (Globe of Gold).** Dwarf, double yellow flowers; 4 feet. Per oz., 30 cts. 5
- 2704 Globosus Fistulosus (Globe or Dahlia Sunflower).** Flowers large, double, of a rich saffron color; 6 feet. Per oz., 30 cts. 5

Hardy Perennial Sunflowers.

- 2705 Mixed.** Contains the finest single-flowering hardy perennial sorts. Seeds sown early will produce flowering plants the first year; as subjects for the hardy border as well as for cutting they are of great value. $\frac{1}{4}$ oz., 50 cts. 15

HELIOPSIS (Orange Sunflower).

- 2731 Pitcheriana.** A desirable hardy herbaceous plant, growing from 3 to 4 feet high, beginning to flower early in the season, and continuing the entire summer. The flowers are of a beautiful deep golden yellow color, about 2 inches in diameter, of very thick texture and very graceful for cutting. $\frac{1}{4}$ oz., 30 cts. 10
- 2732 Scabra Zinniaeflora.** A new double-flowering form, bearing golden yellow Zinnia-like flowers. In addition to being a very showy plant in the hardy border, it is one of the best perennials for cutting. 2 pkts., 25 cts. 15

HEUCHERA (Coral Bells or Alum Root).

- 2761 Sanguinea.** One of the finest hardy perennials. The flowers are of a rich, bright coral-red color; the leaves light green and slightly hairy. Excellent for cutting. 15

DOUBLE CHRYSANTHEMUM—FLOWERED SUNFLOWER



HELICHRYSUM (Straw Flower).

HELICHRYSUM (Straw Flower).

PER PKT.

- 2720 **Monstrosum Fl. Pl.** One of the best of "Everlastings." Exceedingly effective double flowers, making a fine display in beds or borders; they succeed in any rich garden soil; give them plenty of room to develop, planting not closer than 12 inches apart; hardy annuals; 2½ feet. Mixed. (See cut.) Per ¼ oz., 25 cts. 5
- 2719 **Collection.** 6 distinct colors. 50

HOLLYHOCK.

One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers it is without equal. Seed sown any time before midsummer will produce fine plants for flowering next year.

DOUBLE VARIETIES.

The seed offered under this head has been saved from the finest double flowers only and is sure to produce satisfactory results.

- | PER ¼ OZ. | PER PKT. | PER ¼ OZ. | PER PKT. |
|--|----------|--------------------------------------|----------|
| 2782 Maroon 40 | 10 | 2785 Salmon-rose 40 | 10 |
| 2783 Bright Rose 40 | 10 | 2786 White 40 | 10 |
| 2784 Bright Red 40 | 10 | 2787 Yellow 40 | 10 |
| 2790 Extra Choice Double Mixed. 30 cts. per ¼ oz.; \$1.00 per oz. | 10 | | |
| 2788 Collection of a packet each of the above 6 colors | 50 | | |
| 2781 "Allegheny." Mammoth flowers, wonderfully formed of loosely arranged fringed petals, which look as if made from the finest China silk. The colors vary from the palest shrimp-pink to deep red. The plants are of strong growth, sending up spikes 6 to 7 feet high. 30 cts. per ¼ oz.; \$1.00 per oz. | 10 | | |
| 2791 Newport Pink. One of our own introductions and awarded a certificate of merit by the Royal Horticultural Society of England, an unusual honor. It is the finest pure pink double variety, exquisite in shade, flowers very double. Per ¼ oz., 50 cts. | 15 | | |

SINGLE VARIETIES.

Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. We offer the following distinct colors, also mixed, viz.:

- | PER PKT. | PER PKT. |
|---|---------------------------------|
| 2793 Black Maroon 15 | 2796 Red 15 |
| 2794 Mauve 15 | 2797 White 15 |
| 2795 Pink 15 | 2798 Yellow 15 |
| 2780 Mixed. All colors. ¼ oz., 30 cts. | 10 |
| 2799 Collection of a packet each of the 6 colors | 75 |

HELIOTROPE (Cherry Pie).

A half-hardy perennial, flowering during the whole season; its delightful perfume makes it a most desirable bouquet flower; a splendid bedding plant, or can be trained as a greenhouse climber. Seed started indoors in the spring will make fine plants for summer blooming. Can also be sown outdoors in May.

- 2737 **Lemoine's Giant.** Of robust growth, and produces very large heads of flowers; mixed colors. ¼ oz., 40 cts. 10
- 2736 **Regal.** A new variety with immense flower heads of the Giant type, but of dwarf, compact growth; all shades. 25
- 2740 **Mixed.** All colors of the regular type. ¼ oz., 30 cts. 5
- 2738 **Collection** of 6 sorts. 50

HIBISCUS (Marshmallow).

Showy ornamental perennial plants for mixed beds or shrubbery borders, having large-sized, beautifully colored flowers.

- 2774 **Moscheutos.** Rosy-pink flowers. 5
- 2772 **Crimson Eye.** Flowers of the largest size, pure white, with a large spot of velvety-crimson in the centre. 10
- 2773 **Giant Yellow, or Golden Bowl.** Flowers from 6 to 9 inches in diameter; of a rich deep cream, with a velvety-maroon centre. 10
- 2775 **New Giant.** Described and illustrated with other specialties on pages 53 to 62. Per ¼ oz., 25 cts. 10



DOUBLE HOLLYHOCK

HONESTY (Moonwort, Satin Flower).

PER PKT.

- 2801 Hardy biennials, admired for its silvery seed pouches, which are used for house ornaments, as they present a beautiful and rather curious appearance; 2 feet. $\frac{1}{4}$ oz., 20 cts. 5

HUMULUS (Japanese Hop).

- 2811 **Japonicus**. A Very ornamental and fast growing climbing plant. The foliage resembles in shape that of the common Hop, is very dense, and in color a lively green; annual. $\frac{1}{4}$ oz., 25 cts. 5
- 2812 — **Variegatus**. A variegated variety of the above. The leaves are beautifully marbled and splashed with silvery-white, light and dark green; very effective for screens, arbors, trellises, etc. As with the green-leaved variety, it is never injured by insects nor affected by the heat but retains its bright variegated foliage until frost. $\frac{1}{4}$ oz., 30 cts. 10

HUNNEMANNIA.

(Giant Yellow Tulip Poppy, or Bush Eschscholtzia.)

- 2821 **Fumariæfolia**. This is by far the best of the poppy family for cutting, remaining in good condition for several days. Seed sown early in May will, by the middle of July, produce plants covered with their large buttercup-yellow poppy-like blossoms, and never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathery glaucous foliage. $\frac{1}{4}$ oz., 25 cts. ... 10

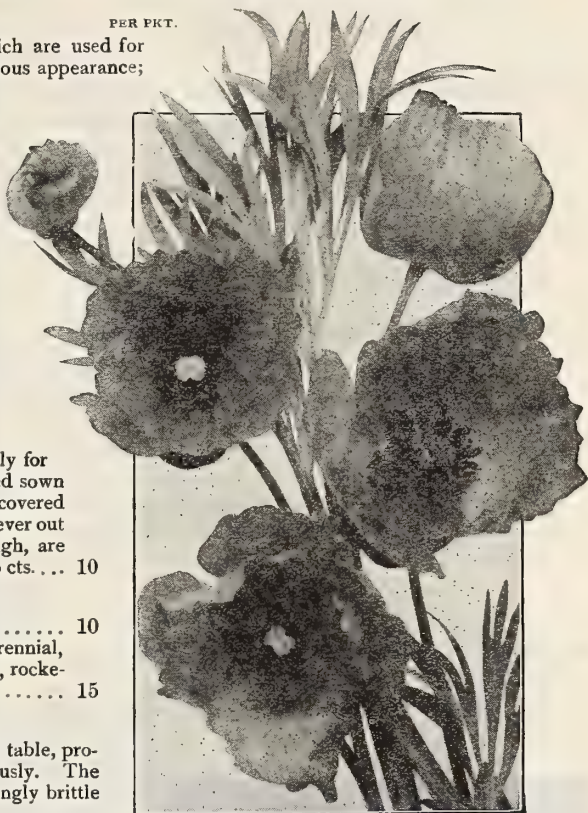
IBERIS (Hardy Candytuft).

- 1771 **Gibraltarica Hybrida**. White shading in lilac 10
- 1772 **Sempervirens**. A profuse white-blooming, hardy perennial, coming in flower early in the spring; much used for cemeteries, rockeries, etc. 1 foot 15

IMPATIENS (Sultan's or Zanzibar Balsam).

Charming plants for the decoration of the greenhouse or dinner table, producing bright, waxy-looking flowers profusely and almost continuously. The young seedlings should be carefully handled, as they are exceedingly brittle at the outset.

- 2842 **Sultani**. Flowers of brilliant rose-scarlet color. 25
- 2845 **Holstii Hybrids**. Forms strong; bushy plants about 2 feet high, covered with attractive flowers, when grown as pot plants, they bloom the year round. Choice mixed, all colors. 15



HUNNEMANNIA

IPOMEEA.

Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors, or stumps of trees they are invaluable; it is well to soak the seed in warm water over night to assist in rapid germination.

PER PKT.

- 2851 **Bona Nox** (*Evening Glory*). Rosy lilac flowers, expanding in the evening, of very rapid growth. Oz., 25 cts. 5
- 2853 **Grandiflora** (*Moon Flower*). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, 5 to 6 inches in diameter. It grows very rapidly and will cover a large surface. Per $\frac{1}{4}$ oz., 20 cts.; per oz., 60 cts. 10
- 2158 **Quamoclit Hybrida** (*The Cardinal Climber*). The finest new annual climber introduced in many years. See Novelties and Specialties, pages 53 to 62. 15
- 2854 **Rubra Cœrulea** (*Heavenly Blue*). Immense flowers of bright sky-blue; very beautiful. 2 pkts., 25 cts. 15
- 2855 **Setosa** (*Brazilian Morning Glory*). Flowers of pleasing rose color, borne very freely in large clusters from August to frost. As a quick growing vine it has no equal, covering an enormous space in a short time. Per oz., 30 cts. 10

Imperial Japanese, or Emperor Morning Glories.

These are beyond question the handsomest of all Morning Glories. Of the easiest culture, can be sown in the open ground in a sunny situation when the weather has become warm and settled; they soon cover a large area, and even before flowering are decidedly interesting on account of the varied forms of the foliage and their markings. The flowers are of gigantic size and their colorings beyond description; the self or solid colors range from snow-white to black purple, with all the possible intermediate shades; there is also an endless number having flowers spotted, marbled, striped, flaked, splashed, etc.

- 2880 **Mixed Imperial Japanese**. Saved from a grand collection, which we feel sure will produce results more than equalling our description of this wonderful plant.

Per oz., 25 cts. 5

(For other varieties of *Ipomœas* see *Cypress Vine*, *Mina* and *Convolvulus*.)

IMPERIAL JAPANESE IPOMOEAS

**IRIS** (Flowering Flag).

PER PKT.

- 2890 **Kämpferi** (*Japanese Iris*). This is one of the showiest of the "Flags," and now extensively used in the hardy garden. The seeds we offer have been saved from our own unrivalled collection, and should produce only varieties of the highest merit. Blooms the second year from seed. If you want immediate results, it will be necessary to get plants; these are one of our specialties, and are offered on page 222. $\frac{1}{4}$ oz., 25 cts. 10

KOCHIA (Standing Cypress, or Belvedere).

- 2911 **Trichophylla**. An easily grown annual, which, sown thinly in spring, soon forms a cypress-like hedge of the most lively green and of perfect symmetry; by mid-summer it attains a height of about 3 feet, and on the approach of autumn the whole plant becomes a deep red; a splendid plant to divide the vegetable from the flower garden, or for forming a hedge for the summer for any purpose. $\frac{1}{4}$ oz., 25 cts. 5

LANTANA.

- 2920 One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; Verbena-like heads of orange, white, rose and other colored flowers; 2 to 3 feet. Mixed colors. $\frac{1}{4}$ oz., 30 cts. 10



DOUBLE STOCK-FLOWERED LARKSPUR



A LINE OF KOCHIA TRICOPHYLLA

LATHYRUS (Everlasting, or Hardy Sweet Pea).

Showy, free-flowering hardy perennial climbers for covering old stumps, fences, etc., continually in bloom; fine for cutting.

- 2954 **Latifolius "White Pearl,"** The finest white variety 15
 2955 — **Pink Beauty.** Rosy pink 10
 2960 — **Mixed.** All colors. Per oz., 40 cts. 5

LAVATERA (Annual Mallow).

- 2976 **Trimestris Grandiflora Rosea.** A very beautiful and showy annual, growing about 2 feet high and covered during the entire summer with large cup-shaped shrimp-pink flowers; in a border or bed the effect is very bright. Sow in May where they are to bloom and thin out to 12 inches apart. $\frac{1}{4}$ oz., 25 cts. 10

LAVENDER (*Lavandula Vera*).

- 2971 Well known, sweet-scented, hardy perennials, should be extensively grown in the mixed border; 3 feet. $\frac{1}{4}$ oz., 25 cts. 10

ANNUAL LARKSPURS.

This is one of the best known of garden flowers, and in recent years a vast improvement has been effected by careful selection, in size and color of the blossoms and the general habit of the plant. Seeds sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost, a record that is not surpassed by any other annual. They make handsome beds or lines, and their free graceful habit and bright colors are very effective when interspersed in the old-fashioned flower or shrubby border. They stand well when cut, and a vase of one or mixed colors is indeed charming.

Double Stock-flowered. The finest variety with splendid spikes of beautiful double flowers. $2\frac{1}{2}$ to 3 feet. (See cut.)

- | | PER PKT. | | PER PKT. |
|--|----------|------------------------------|----------|
| 2931 Dark Blue | 10 | 2934 Shell Pink | 10 |
| 2932 Lilac | 10 | 2935 Sky Blue | 10 |
| 2933 Lustrous Carmine or Newport Pink | 10 | 2937 Pure White | 10 |
| 2940 Finest Mixed. All colors. $\frac{1}{4}$ doz., 20 cts.; oz., 60 cts. | 10 | | |
| 2938 Collection. A packet each of the above 6 colors. | 60 | | |
| 2930 Dwarf Rocket. Fine double mixed. 18 inches. Oz., 30 cts. | 5 | | |



LOBELIA CRYSTAL PALACE COMPACTA

LIATRIS.

(Blazing Star, or Gay Feather.)

- 2982 Most showy and attractive hardy perennial native plants, with long spikes of purple and rosy-purple flowers from July to September; 3 to 4 feet. Mixed varieties.... 10

LINARIA.

- 2991 *Cymbalaria* (*Kenilworth Ivy*, or *Mother of Thousands*). Lavender and purple. A charming, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock work..... 10

LINUM (Flax).

- 3002 *Coccineum* (*Scarlet Flax*). One of the most effective and showy bedding plants, of long duration, having fine foliage and delicate stems, with brilliant scarlet-crimson flowers; hardy annual; 1 ft. Oz., 25 cts. 5
- 3003 *Perenne*. Bright blue flowers, hardy; 18 inches. ¼ oz., 25 cts.... 10
- 3004 *Narbonnense*. The finest hardy blue variety; 2 ft. 25



LINUM COCCINEUM

LUPINUS (Lupine).

Annual Sorts. Free-flowering, easily-grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; prefers a little shade; 2 feet.

- | | |
|------------------------|--------------------|
| 3044 Rich Blue..... 10 | 3046 Rose..... 10 |
| 3045 Sky Blue..... 10 | 3047 White..... 10 |
- A packet each of the 4 colors, 30 cts.
- 3050 **Annual Mixed.** All colors. Per oz., 25 cts..... 5
- Polyphyllus Sorts.** Effective hardy perennials, succeeding in any good garden soil; blooms in May and June; 3 feet. We offer as under;
- | | |
|--------------------|------------------------------------|
| 3052 Rose..... 10 | 3054 Blue..... 10 |
| 3053 White..... 10 | 3055 Moerheimi. Rose and pink.. 15 |
- A packet each of the 4 colors, 35 cts.
- 3051 **Mixed.** All colors. Oz., 30 cts..... 5

LYTHRUM (Loose-strife).

- 3071 *Roseum Superbum*. A very pretty hardy perennial; grows about 3 feet high, and produces spikes of rosy flowers from July to September. ¼ oz., 30 cts..... 10

LOBELIA.

The following choice varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-baskets, etc., blooming profusely from June to November. *Cardinalis* is one of the finest native hardy perennials:

- | | |
|---|----------|
| 3012 Crystal Palace Compacta. Rich deep blue; dark foliage; the finest dark blue for bedding. Per ½ oz., 50 cts. 10 | PER PKT. |
| 3013 Emperor William. A very compact variety; sky-blue flowers..... 10 | |
| 3014 Heterophylla Major. One of the best. The plant forms dense globular bushes about 6 inches high, completely smooth-ered with large flowers, of a most brilliant sky-blue, with a clear white eye..... 15 | |
| 3016 White Gem. Forms a perfect ball of snow-white flowers. 10 | |
| 3022 Gracilis. Light blue; light green foliage; trailing..... 5 | |
| 3023 Speciosa. Ultramarine blue; dark-leaved; trailing..... 5 | |
| 3024 Tenuior. Of upright habit; about 15 inches high, with very large flowers of rich cobalt blue with white eye. Splendid for pots or bedding..... 15 | |
| 3020 Mixed Compacta Varieties. All colors. Per ½ oz., 30 cts..... 5 | |
| 3031 Cardinalis (<i>Cardinal Flower</i>). A native variety, with spikes of brilliant scarlet flowers; fine hardy border plant; 3 feet..... 15 | |

LYCHNIS.

(*Rose Campion*, *Jerusalem Cross*.)

Handsome hardy perennial plants of easy culture, for massing in beds and borders; blooming the first year if sown early.

- 3061 **Chalcedonica.** Fine scarlet flowers; 2 feet. ¼ oz., 25 cts. 5
- 3062 **Haageana.** Brilliant orange, scarlet, crimson, etc., in mixture; 1 foot. ¼ oz., 50 cts..... 15



LUPINUS POLYPHYLLUS (Hardy Lupine)



MARIGOLD.

The African and French Marigolds are old favorite free-flowering annuals of easy culture; both are extremely effective. The former have uniformly large yellow or orange-colored flowers; and are well adapted for large beds or mixed borders, the latter are dwarfer in growth, with beautifully striped flowers, and better suited for bedding purposes, or for pot culture; they succeed best in a light soil, with full exposure to the sun. A vase or bowl of any of the rich yellow sorts in combination with a few blue Larkspurs or Cornflowers is very striking.

(See also *Calendula* and *Tagetes*.)

AFRICAN VARIETIES.

- | | PER PKT. |
|---|----------|
| 3084 Orange Prince. A high-bred type, bearing densely double flowers of a rich deep golden-orange color; very showy; $\frac{1}{4}$ oz., 50 cts..... | 15 |
| 3085 Lemon Queen. Another fine variety, with soft lemon-yellow flowers, and forming a fine contrast to the preceding. $\frac{1}{4}$ oz., 50 cts..... | 15 |
| 3083 Pride of the Garden. Immense flowers, densely double. Color golden-yellow. A feature of this variety is the compact, dwarf habit of the plant, which forms dense bushes, 15 to 18 inches high. $\frac{1}{4}$ oz., 40 cts..... | 10 |
| 3081 El Dorado. Flowers very large, imbricated and extremely double. Colors in all shades of yellow. Per $\frac{1}{4}$ oz., 25 cts..... | 5 |
| 3090 Large African. Double, orange and lemon, mixed; 2 to 3 feet. Per $\frac{1}{4}$ oz., 20 cts..... | 5 |
| 3088 Collection of double African, 6 varieties..... | 30 |

FRENCH VARIETIES.

- | | |
|---|----|
| 3091 Gold Striped. Very double, deep, brownish-red, striped golden-yellow; 1 foot. $\frac{1}{4}$ oz., 30 cts..... | 10 |
| 3100 Dwarf French. Fine colors, mixed, very double; 1 foot. Per $\frac{1}{4}$ oz., 20 cts..... | 5 |
| 3092 Legion of Honor ("Little Brownie"). A single-flowering Marigold, forming compact bushes 9 inches high. Begins flowering early, commencing in June. The flowers are golden-yellow, marked with a large spot of crimson velvet. $\frac{1}{4}$ oz., 20 cts.. | 5 |
| 3098 Collection of Double French Marigolds; 6 varieties... | 30 |



FRENCH MARIGOLDS

Marvel of Peru, or Four O'Clocks

(*Mirabilis Jalapa*.)

- | | |
|--|---|
| 3110 A well-known, handsome, free-flowering garden favorite; does well everywhere; give each plant 12 to 18 inches of room. Fine mixed colors; 2 feet. Oz., 20 cts.. | 5 |
|--|---|



MATRICARIA. AFRICAN MARIGOLD

- | | |
|--|----|
| 3121 Capensis Alba Plena (<i>Double White Feverfew</i>). Free-flowering plants, producing all season fine double white flowers. A fine bedding or pot plant; 18 inches. | 10 |
|--|----|

MATTHIOLA.

- | | |
|--|---|
| 3125 Bicornis (<i>Evening-scented Stock</i>). This old-fashioned annual has no beauty to recommend it, the flowers being a dull purplish lilac, but it is well worth growing for the entrancing fragrance which it emits during the evening. $\frac{1}{4}$ oz., 20 cts..... | 5 |
|--|---|

MAURANDIA.

- | | |
|--|----|
| 3130 Barclayana. Beautiful, rapid, slender-growing climbers, blooming profusely until late in the autumn; also fine for the conservatory or greenhouse; if desired for the house, take up before the approach of frost. A half-hardy perennial, flowering the first season if sown early; 10 feet, mixed colors, including purple, blue, white and rose.. | 10 |
|--|----|

MESEMBRY ANTHEMUM.

- | | |
|---|---|
| 2831 Crystallinum (<i>Ice Plant</i>). Dwarf-trailing annual plants. Flowers white; prized for its singular icy foliage | 5 |
|---|---|



FRENCH MARIGOLD, LEGION OF HONOR

MIGNONETTE (*Reseda*).

A well-known fragrant favorite, and no garden is complete without a bed of Mignonette; sowings made in April and again in July will keep up a succession from early summer until frost; can also be grown in pots for winter and early spring flowering.

PER PKT.

- 3152 Defiance.** When grown under favorable conditions spikes will not only be of remarkable size—from 12 to 15 inches long—but deliciously fragrant. The individual florets are of immense size, forming a graceful as well as compact spike. Of extraordinary keeping qualities, retaining their grace and fragrance until every bud opens. (See cut.) $\frac{1}{4}$ oz., 25 cts. 10
- 3153 Golden Machet.** Distinct variety of Machet, with massive spikes of golden-yellow blossoms. $\frac{1}{4}$ oz., 25 cts. 10
- 3155 Miles' Hybrid Spiral.** Of strong, branching habit, with spikes from 8 to 10 inches long; very fragrant. Per oz., 25 cts. 5
- 3156 Improved Red Victoria.** Fine spikes of bright red. A most useful and desirable variety. $\frac{1}{4}$ oz., 25 cts. 10
- 3157 Large-Flowering Pyramidal.** Flowers large, of a reddish tint. A good variety for the open ground. $\frac{1}{4}$ oz., 20 cts. 5
- 3158 Machet.** Of dwarf pyramidal growth, bearing numerous flower stalks; highly colored and very fragrant; one of the best. $\frac{1}{4}$ oz., 25 cts. 10
- 3159 Goliath.** Of strong, yet compact habit, with rich green foliage; the giant trusses of flowers being borne on erect, strong, stiff stalks and surpassing all others in brilliancy of color; especially suited for house culture. $\frac{1}{4}$ oz., 50 cts. 15
- 3161 Parson's White.** Large spikes, pure white, very fragrant. $\frac{1}{4}$ oz., 20 cts. 5
- 3162 Salmon Queen.** Strong, robust habit, with fine spikes of bright salmon-red flowers, intensely fragrant; fine for outdoor culture. $\frac{1}{4}$ oz., 25 cts. 10
- 3163 Sweet-scented** (*Reseda Odorata*). The old variety with small spikes, but very sweetly scented. Per oz., 15 cts. 5
- 3169 Collection** of above 10 varieties of Mignonette..... 60



MIGNONETTE DEFIANCE

MIMOSA (*Sensitive or Humble Plant*).

PER PKT.

- 3181 Pudica.** Curious and interesting annuals, with pinkish-white flowers; the leaves close and droop when touched or shaken; $1\frac{1}{2}$ feet. 5

MIMULUS.

Showy, profuse flowering plants; fine for greenhouse or moist shady situations; half hardy perennials, blooming the first year

from seed if sown early; 1 foot.

- 3191 Moschatus** (*Musk Plant*). Fine for hanging baskets, etc.; small yellow flowers, fragrant foliage. 10
- 3192 Tigrinus** (*Monkey Flower*). Fine mixed spotted varieties. 10

MINA.

- 3202 Sanguinea.** A beautiful and rapid-growing climber, producing innumerable brilliant blood red flowers. $\frac{1}{4}$ oz., 15 cts. 5

MOMORDICA.

Very curious climbing vine, with ornamental foliage, fruit golden-yellow, warted, and when ripe opens, showing the seed and its brilliant carmine interior, fine for trellises, rock-work, stumps; etc.; annuals; 10 feet.

- 3211 Balsamina** (*Balsam Apple*). Round, apple-shaped fruit with very fine glossy green foliage. This is the prettiest climber of the two. Oz., 30 cts. 5
- 3212 Charantia** (*Balsam Pear*). Pear-shaped fruit; foliage heavier than the above; the fruits of this variety are used medicinally. Oz., 30 cts. 5

MUSA ENSETE (*Abyssinian Banana*).

- 3221** A splendid plant for the open air in the summer, producing a most striking effect when planted singly or in groups. In our hot summer it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hotbed or bottom heat in greenhouse. Tender perennial; 10 to 20 feet. 15 cts. per pkt. of 5 seeds; 25 seeds for 50 cts.



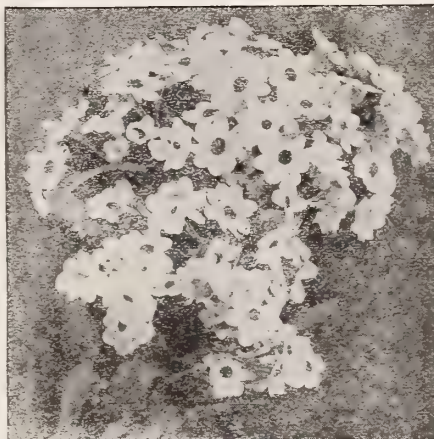
MATRICARIA

**MYOSOTIS (Forget-Me-Not).**

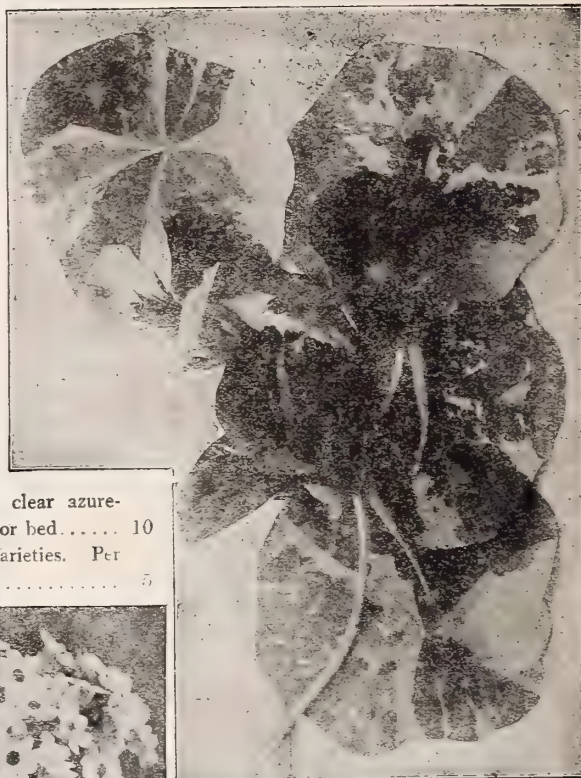
Few spring flowers are more admired than the lovely Forget-Me-Nots, which are especially effective when grown in masses. Perennials and hardy if given slight protection through the winter. Seed may be sown any time from spring till mid-summer. The *Alpestris* varieties and *Dissitiflora* come into bloom in April, and are largely used for bedding or borders in connection with spring-flowering bulbs, Pansies, etc. The *Palustris* sorts do not bloom till May, but continue till fall.

PER PKT.

- 3231 **Alpestris Royal Blue.** Rich indigo-blue flowers. The finest and most effective dark blue variety; 9 inches..... 15
- 3233 — **Robusta Grandiflora.** Of strong, sturdy growth, about 10 inches high, with good heads of clear Forget-Me-Not blue flowers..... 10
- 3234 — **Stricta Grandiflora.** Symmetrical, upright, pillar-shaped plants, about 10 inches high, covered from base to summit with lovely light blue flowers.... 10
- 3235 — **Victoria.** A favorite sort, with fine heads of large, clear azure-blue flowers; plants bushy and compact; makes a fine edging or bed..... 10
- 3239 — **Mixed.** A mixture of blue, rose and white-flowered varieties. Per $\frac{1}{4}$ oz., 25 cts..... 5
- 3236 **Dissitiflora.** Of dwarf, compact habit, with sprays of large, exquisite blue flowers, especially adapted for planting among spring-flowering bulbs..... 15
- 3237 **Palustris.** The true Forget-Me-Not. Of strong, sturdy growth, with beautiful clear blue flowers... 15
- 3238 — **Semperflorens.** An everblooming variety of the above, beginning in May and continuing till autumn. Large, clear, blue flowers in pretty sprays.. 15



MYOSOTIS (Forget-Me-Not)

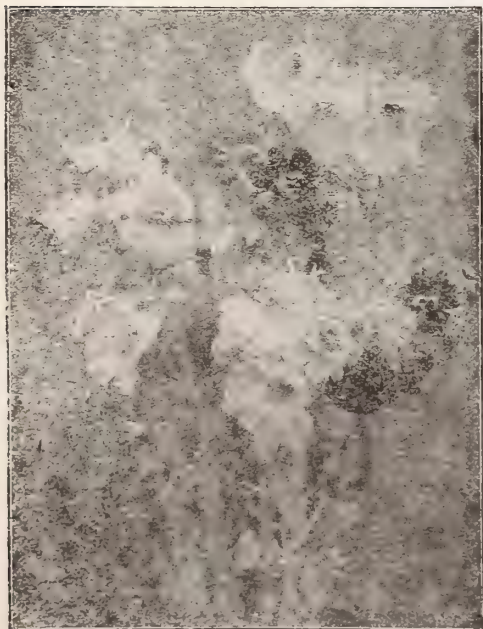


VARIEGATED-LEAVED NASTURTIUM

NEMESIA.

PER PKT.

- 3401 **Dwarf Large-flowering Hybrids.** A very pretty annual, which does best in a cool position; the plants grow about a foot high and the orchid-like flowers are very varied in color, including rose, yellow, blue, orange, etc. Seed sown in the autumn makes beautiful pot plants for early spring blooming; mixed colors. (See cut.) 2 pkts., 25 cts..... 15



NEMESIA, DWARF LARGE-FLOWERING

VARIOUS NASTURTIUMS.

In addition to the standard varieties offered on the page opposite, we can supply the following, all of which are well worth growing:

- 3270 **Hybrids of Madame Gunter.** This fine strain of climbing Nasturtiums contains many novel colors, such as odd shades of salmon-pink, rose, reds, yellows, etc. 5 cts. per pkt.; 15 cts. per oz.; 40 cts. per $\frac{1}{4}$ lb.
- 3321 **Queen of Talls.** Similar to the regular tall Nasturtium, but with variegated leaves; flowers of various colors. Per pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.
- 3330 **Tall Ivy-leaved.** Of strong, vigorous growth; a very attractive vine. Mixed colors. Per pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.
- 3380 **Liliput, or Miniature.** This is a dwarf, compact form of *T. Lobbianum*. It forms small, dense bushes, which are fairly hidden by flowers, the colors of which are very varied, many being new and beautiful shades. Per pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.
- 3381 **Queen of Tom Thumbs.** Dwarf, dense bushes, with variegated foliage and flowers in a large variety of colors. Per pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.
- 3386 **Geranium-leaved.** A comparatively new and very novel dwarf sort, with heavy rich green Geranium-like leaves. Flowers rich scarlet. Per pkt., 10 cts.; oz., 25 cts.
- 3390 **Dwarf Ivy-leaved.** Makes pretty, compact plants, excellent for beds, borders, boxes, etc. Mixed colors. Per pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Our various mixtures of Nasturtiums are made up out of the best named sorts, insuring a large number of colors

DREER'S SUPERB NASTURTiums

For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil in a well-drained, sunny position, and from within a few weeks from the time they are sown until hard frost comes there is an endless profusion of their gorgeous blossoms. The varieties offered below were selected, after exhaustive trials, from a very large number of sorts as being the best and most distinct:

TOM THUMB, DWARF OR BEDDING VARIETIES.

- 3336 **Chameleon.** Various colors on one plant.
 3338 **Crystal Palace Gem.** Sulphur, maroon blotches.
 3341 **Empress of India.** Fiery crimson, dark foliage.
 3343 **Golden King.** Rich golden yellow.
 3346 **King Theodore.** Deep crimson maroon, dark foliage.
 3347 **King of Tom Thumbs.** Dark scarlet, dark leaves.
 3353 **Pearl.** Creamy white.
 3354 **Prince Henry.** Cream, spotted and tipped red.
 3355 **Regelianum.** Deep, purplish-crimson.
 3361 **Rose.** Soft carmine rose.
 3365 **Spotted.** Golden yellow, spotted garnet.
 3367 **Vesuvius.** Salmony rose, dark foliage.
Price. Any of the above Dwarf sorts, 5 cts. per pkt.; 15 cts. per oz.; 40 cts. per $\frac{1}{4}$ lb.
 3370 **Finest Mixed.** Tom Thumb varieties. Per pkt. 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.
 3379 **Dreer's Collection** of a liberal packet each of the 12 above dwarf varieties. 50 cts.
 3369 **Dreer's Collection** of 1 oz. each of the 12 above dwarf varieties. \$1.25.

TALL OR CLIMBING VARIETIES.

(*Tropaeolum Majus*.)

Elegant and luxuriant climbers for verandas, trellises, etc. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seedpods can be gathered while green and tender for pickling; 6 to 10 feet.

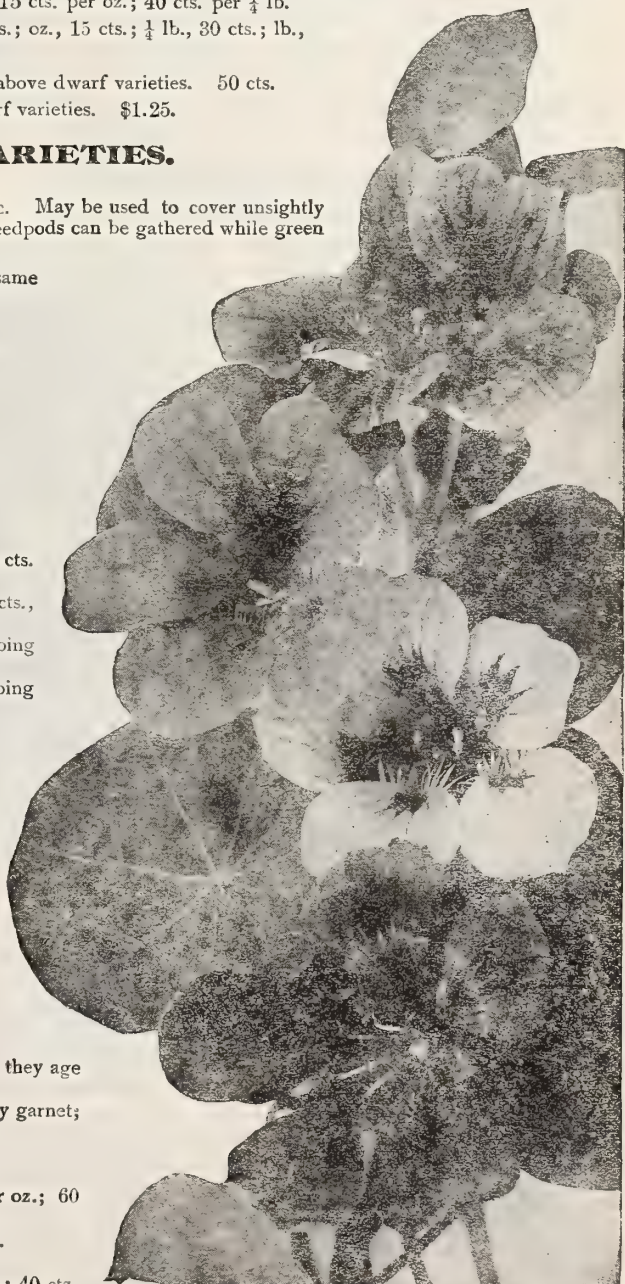
- 3281 **Chameleon.** Different richly colored flowers on the same plant.
 3283 **Crimson.** Rich and velvety.
 3287 **King Theodore.** Deep crimson maroon; dark foliage.
 3294 **Orange.** Pure orange; no markings.
 3296 **Pearl.** Creamy white.
 3297 **Prince Henry.** Cream, spotted and tipped scarlet.
 3298 **Purple.** Rich shade of purplish crimson.
 3301 **Rose.** A lovely shade of ruby rose.
 3303 **Scarlet.** Glowing vermillion.
 3302 **Schulzi.** Rich, deep scarlet.
 3307 **Vesuvius.** Salmony rose; an exquisite shade.
 3311 **Spotted.** Rich yellow, spotted garnet.
Price. Any of the above Tall sorts, 5 cts. per pkt.; 15 cts. per oz.; 40 cts. per $\frac{1}{4}$ lb.
 3320 **Finest Mixed.** Tall or climbing varieties. Per pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.
 3329 **Dreer's Collection** of a packet each of 12 above climbing sorts, 50 cts.
 3319 **Dreer's Collection** of 1 ounce each of 12 above climbing sorts, \$1.25.

Lobb's Climbing Nasturtiums.

(*Tropaeolum Lobbianum*.)

There is little difference between these and the tall Nasturtiums. They are especially rich in the red shades, flower even freer, grow to the same height and are very desirable.

- 3251 **Asa Gray.** Pale primrose yellow, almost white.
 3246 **Black Prince.** Velvety purplish-crimson, dark foliage.
 3252 **Brilliant.** Geranium scarlet. Fine.
 3247 **Cardinal.** Intense deep scarlet, dark foliage.
 3253 **Crown Prince of Prussia.** Deep ruby-garnet.
 3254 **Giant of Battles.** Sulphur-yellow, blotched red.
 3248 **Golden Queen.** Pure golden-orange.
 3257 **Princess Victoria Louise.** Creamy white, with fine, conspicuous ruby-rose blotches.
 3261 **Regina.** Brilliant salmon-red on opening, changing as they age to almost a cream color.
 3255 **Roi des Noirs (King of the Blacks).** Deep velvety garnet; very rich, dark foliage.
 3262 **Rudolf Virchow.** Fine carmine rose.
 3256 **Spitfire.** Brilliant orange-vermillion.
Price. Any of the above, 5 cts. per pkt.; 20 cts. per oz.; 60 cts. per $\frac{1}{4}$ lb.
 3259 **Collection** of a packet each of above 12 varieties, 50 cts.
 3269 **Collection** of 1 oz. each of above 12 varieties, \$1.50.
 3260 **Finest Mixed.** Lobb's. 5 cts. per pkt.; 15 cts. per oz.; 40 cts. per $\frac{1}{4}$ lb.; \$1.25. per lb.



DREER'S SUPERB NASTURTiums

Do not overlook the Nasturtiums offered on opposite page

NICOTIANA.

PER PKT.

- 3411 **Affinis** (*Tuberose-flowered Tobacco*). Delightfully sweet-scented, pure white, tubular flowers, blooming continually; annuals; 2 to 3 feet. $\frac{1}{2}$ oz., 25 cts. 5
- 3414 **Sanderæ Hybrids**. A splendid type in a great variety of colors. 10
- 3413 **Sylvestris**. Plants of pyramidal growth, 4 feet high, with fine deep green foliage; pure white, fragrant, drooping flowers, borne in loose heads. A most effective plant either used in conjunction with other plants in beds or as single specimens. 10

NIGELLA (*Love in a Mist, or Devil in the Bush*).

- 3430 **Damascena**. A compact, free-flowering plant, with finely cut foliage, curious-looking flowers and seedpods; of easy culture, growing in any garden soil; hardy annuals; blue and white mixed; 1 foot. Oz., 25 cts. 5
- 3431 **Miss Jekyll**. A lovely variety with cornflower-blue blossoms, splendid for cutting. (See cut.) $\frac{1}{2}$ oz., 25 cts. 10

ÆNOTHERA (*Evening Primrose*).

The Evening Primroses are elegant subjects for growing in an exposed, sunny position, either in the border or on the rockery, blooming the entire summer.

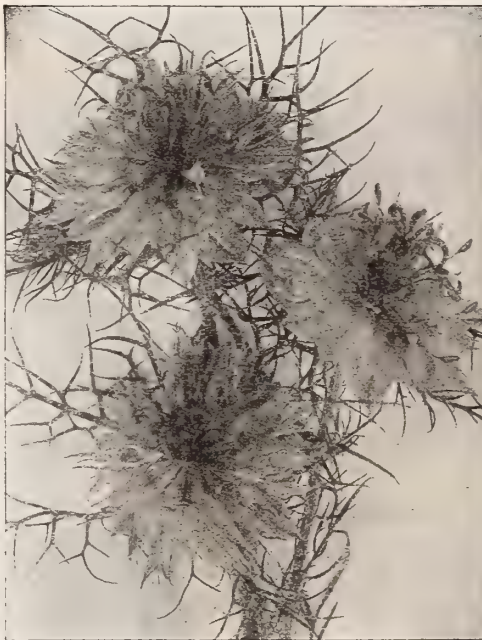
- 3435 **Missouriensis**. Large golden-yellow flowers. 1 foot. 10



PENTSTEMON "SENSATION"



NICOTIANA AFFINIS



NIGELLA MISS JEKYL

WATER LILY SEEDS.

Hardy *Nymphaeas* may be sown either in fall or spring in the shallow places on the margin of natural ponds, where, if conditions are favorable, they will germinate and soon become established.

Nelumbiums should have a small hole cut through the shell of each seed with a sharp knife.

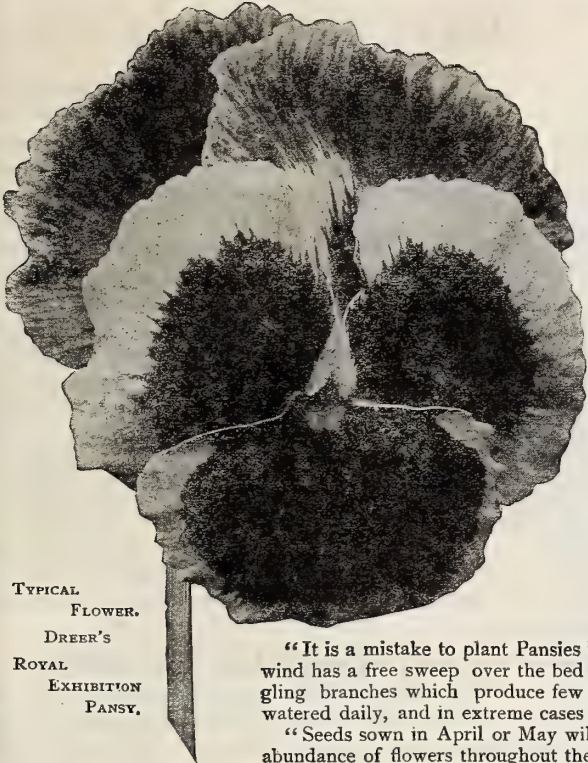
Tender *Nymphaeas* may be sown in spring in pots or pans, using any good potting soil; cover the seeds with one-fourth inch of sand, give a thorough watering, and allow to drain for an hour, then submerge in water as near 70° as possible. Two inches of water over the soil is sufficient. As soon as the seedlings have made two leaves, put them singly into small pots, and when well rooted repot into 4- or 5-inch pots, from which size they may be planted into their flowering quarters during May and June.

PER PKT.

- 4531 **Nymphaea Zanzibariensis**. Purple. 15
- 4532 — **Azurea**. Blue. 15
- 4533 — **Rosea**. Rose. 15
- 4534 — **Tender Varieties Mixed**. 15
- 4535 — **Hardy Varieties Mixed**. 15
- 4536 **Nelumbium Speciosum**. 15
- 4537 — **Mixed Sorts**. 15

PENTSTEMON (*Beard Tongue*).

- Highly useful and attractive perennials, and much used in the hardy border.
- 3532 **Gloxinioides "Sensation"**. As a bedding plant this takes rank with the *Petunia*, *Phlox*, etc., etc. It grows about 2 feet high, every branch being a spike of large, *Gloxinia*-like flowers in a very wide range of bright colors, including rose, red, carmine, cherry, pink, lilac, purple, etc. Not quite hardy and best treated like *Petunias*, *Verbenas*, *Salvia*, etc. (See cut.) 2 pkts. 25 cts. 15
- 3533 **Barbatus Torreyi**. Spikes of brilliant coral red; very effective; June to August; 3 to 4 feet. 10
- 3540 **Mixed**. A great variety of kinds and colors. 10



TYPICAL
FLOWER.
DREER'S
ROYAL
EXHIBITION
PANSY.

Dreer's Perfect Pansies

PANSIES are too well known to require any description, as they are favorites with all. For best results you must start with a good strain. The finest Pansies are, as a rule, shy seeders, which accounts for the difference in the price of the various mixtures offered.

Miss Ida D. Bennett, the well-known horticultural author and enthusiastic admirer of Pansies, writes the following notes on their culture expressly for this book:

"Pansy seed germinates and the plants grow more freely in the cool, early days of spring, and for summer blooming should be sown by the latter part of April, or early May, in the vicinity of Philadelphia. A soil containing a proportion of leaf mould, well enriched with well-decayed cow manure, will be the most satisfactory for the growing of this flower, and it should be well dug and made fine and level.

"Sow the seeds in drills, covering them not more than four times their diameter and firming the soil well above them. The seeds germinate in from eight to twelve days, and should not be allowed to dry out during this period. Covering the seed bed with newspapers will prevent this and hasten somewhat the period of germination.

"As soon as the plants are up and large enough to handle, they should be thinned out or transplanted to stand nine inches apart in the rows. Thorough cultivation should be given from the start, as Pansies will not thrive when obliged to share the beds with a mass of weeds.

"It is a mistake to plant Pansies in the shade of a tree or buildings. An open exposure where the wind has a free sweep over the bed is far better, and Pansies so planted are free from the long, straggling branches which produce few and inferior flowers. During dry weather the bed should be watered daily, and in extreme cases twice a day for the best results.

"Seeds sown in April or May will produce blooming plants by the last of June, which will give an abundance of flowers throughout the remainder of the season. About the middle of August is the best time for starting Pansy seeds for early spring blooming, as this allows the plants to go into winter in vigorous condition."

PANSIES IN MIXTURE.

- | | PER PKT. |
|---|----------|
| 3510 Dreer's Royal Exhibition. This strain comprises a beautiful collection of colors and markings and is our finest mixture, both as regards size, texture and colorings. Special packets of 2000 seeds, \$1.25; regular packet..... | 50 |
| 3514 Dreer's Premium. This mixture comprises a large number of colorings, and is intended to supply the want of a first-class mixture at a moderate price. $\frac{1}{8}$ oz., 75 cts. | 25 |
| 3516 Masterpiece (<i>Frilled Pansy</i>). A remarkable type, each petal being conspicuously curled or waved. The range of color is very extensive, the rich, dark, velvety shades predominating. $\frac{1}{8}$ oz., \$1.00..... | 25 |
| 3500 Giant Trimardeau. All colors. 50 cts. per $\frac{1}{8}$ oz.; \$1.50 per oz. | 10 |

- | | PER PKT. |
|--|----------|
| 3512 Cassier's Giant. A grand mixture of the finest blotched varieties, splendid in every way, being large in size and rich in coloring. $\frac{1}{8}$ oz., 75 cts..... | 25 |
| 3517 Mme. Perret. A new and beautiful strain, originated with a French specialist, flowers of large size borne very freely in great diversity of colors, especially rich in red and wine shades. The stock we offer comes direct from the introducer. $\frac{1}{8}$ oz., 60 cts..... | 25 |
| 3513 Giant Parisian. Of very large size and containing a great many fancy colors. $\frac{1}{8}$ oz., 75 cts..... | 15 |
| 3515 English Finest Mixed. $\frac{1}{8}$ oz., 50 cts..... | 10 |
| 3520 Good Mixed. All colors. $\frac{1}{8}$ oz., 25 cts..... | 5 |

GIANT TRIMARDEAU PANSIES.

We have discarded the ordinary Pansies in separate colors in favor of this type which produce very large flowers, plants of strong, robust growth and well adapted to the trying conditions of our climate.

- | | PER PKT. |
|---|----------|
| 3488 Giant Adonis. Soft lavender blue..... | 10 |
| 3495 Giant Emperor William. Rich deep blue..... | 10 |
| 3496 Giant Fire King. Mahogany and gold..... | 10 |
| 3490 Giant Freya. Rich wine color, edged white..... | 10 |
| 3489 Giant Golden Queen. Pure, rich yellow..... | 10 |
| 3491 Giant Prince Henry. Rich royal blue..... | 10 |
| 3487 Giant Rainbow. Peacock blue, white and red... 10 | |

3499 Collection, containing a packet

- | | PER PKT. |
|---|----------|
| 3497 Giant Lord Beaconsfield. Deep purple violet, shading to white..... | 10 |
| 3492 Giant Psyche. Rich velvety violet with a broad border of pure white..... | 10 |
| 3498 Giant Snow Queen. Pure white, small yellow eye, 10 | |
| 3493 Giant White. Pure white, with purple eye..... | 10 |
| 3494 Giant Yellow. Rich yellow, with dark centre.... 10 | |

each of above 12 grand sorts, \$1.00.

TUFTED PANSIES, OR VIOLAS.

While the flowers of the Tufted Pansies are not so large as the regular type, yet they bloom so freely that they are superior to pansies where effect is wanted, the colors being particularly clear and distinct; they also bloom for a longer time. Seed sown in April produces flowering plants by June, and from then on until frost they are a sheet of bloom.

- | | PER PKT. |
|--|----------|
| 4406 Admirabilis. New hybrids, which contain all the varied and brilliant colorings of the best grade of blotched Pansies..... | 10 |
| 4401 Papilio (<i>Butterfly Violet</i>). Lovely violet-lilac, with small, dark eye..... | 10 |
| 4402 Lutea Splendens. Rich golden yellow..... | 10 |

- | | PER PKT. |
|--|----------|
| 4403 Blue Perfection. Deep purplish blue..... | 10 |
| 4405 White Perfection. A fine pure white..... | 10 |
| 4404 Thuringia. Deep violet and light blue with white eye; very effective..... | 15 |
| 4410 Mixed. A splendid mixture of the best varieties, $\frac{1}{8}$ oz., 50 cts..... | 10 |

The Tufted Pansies or Bedding Violas offered on this page are very satisfactory



PETUNIAS.

For outdoor decoration or house culture few plants equal the Petunia in effectiveness. They commence flowering early and continue a sheet of bloom throughout the whole season until killed by frost; easily cultivated, only requiring a good soil and sunny position. We have long been celebrated for our magnificent strains of both the single and double varieties, which we endeavor to improve each year by careful selection and hybridization. We have tested samples received from the leading

Petunia specialists of the world, and can safely say without fear of contradiction that **our strain is the best that can be secured from any source at any price.**

Double Large-flowering Petunias.

NOTE.—It is well known that seed saved from the most carefully hybridized flowers produce but a small percentage of double flowers, the balance being single of unusually fine quality. The weaker seedlings should be carefully saved, as these invariably produce the finest double flowers. The same is true of the single sorts, the large, strong seedlings usually being weedy, while the, at first, weaker seedlings produce the very finest flowers, of best colorings. It is best to sow Petunias indoors and transplant to the open in May. The Single Bedding kinds can be sown right out of doors in May.

PER PKT.

Single Large-flowering Petunias.

PER PKT.

- 3580 **Dreer's Superb Large-flowering Fringed.** Our own saving from the finest flowers; of very large size and beautiful shape; deep-throated and of varied and brilliant colors, and beautifully fringed. (See cut.) 25
- 3576 **Giant of California.** Flowers very large, in great variety of colors and makings, with deep yellow throats 25
- 3577 **Ruffled Giant.** Flowers of extraordinary size and substance, and distinguished from the large flowering fringed section by the deep fluting, giving the appearance as if artificially ruffled..... 25
- 3578 **Fringed Ruffled Giant.** This differs from the preceding in having, in addition to the ruffling, a very fine fringed edging, making a very handsome flower..... 35

- 3590 **Dreer's Superb Double-fringed.** Saved from our own unrivalled collection; will produce a large percentage of double flowers of the largest fringed varieties in bright colors and tints. (See cut.) Per 500 seeds, \$1.25..... 50
- 3587 **Double Large-flowering.** Beautiful varieties in mixture. Not our own saving, but the best that money can buy from other sources. Per 500 seeds, 75 cts... 25

SINGLE-BEDDING PETUNIAS.

- 3564 **Howard's Star.** A beautiful free-flowering strain, color crimson-maroon with a clearly-defined five-pointed star of blush-white. For bedding, baskets, vases, etc., this is exceptionally fine. $\frac{1}{8}$ oz., 50 cts..... 15
- 3566 **Rosy Morn.** Soft carmine-pink with white throat; makes a very dainty and at the same time effective border. $\frac{1}{8}$ oz., 75 cts..... 15
- 3565 **Brilliant.** Beautiful and effective compact variety; flowers brilliant carmine-pink. $\frac{1}{8}$ oz., 75 cts..... 15
- 3561 **Dwarf Inimitable.** "Star Petunia," compact growing variety; flowers cherry-red with a white centre. $\frac{1}{8}$ oz., 30 cts..... 10
- 3562 **Snowball.** A fine compact sort, producing its pure satiny-white flowers throughout the entire season. $\frac{1}{8}$ oz., 50 cts..... 10
- 3563 **Pure White.** Desirable for cemetery beds or where large masses of white are wanted, grows 12 to 15 inches high. Where a more compact sort is wanted we recommend "Snowball." $\frac{1}{4}$ oz., 30 cts..... 10
- 3567 **Striped and Blotched.** A good strain of the small-flowering type; beautifully striped and blotched flowers; fine for massing. $\frac{1}{4}$ oz., 30 cts... 10
- 3570 **Fine Mixed.** Good bright colors. $\frac{1}{4}$ oz., 25 cts..... 5



DREER'S SUPERB DOUBLE-FRINGED PETUNIA

PHLOX DRUMMONDI.

The annual Phlox is a native of Texas, and is known as "Texan Pride." It occupies a first place as a garden annual, being one of the most brilliant and at the same time one of the easiest and most satisfactory plants, which can readily be grown from seed. It will grow and thrive in any kind of soil if given a sunny position, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger from frost is past, and in a few weeks they are a sheet of bloom, remaining so until frost. They may be used in a variety of ways, such as a carpet to beds of Roses, in boxes, vases, etc., but it is when grown in masses, in beds or borders, that they show to best advantage.

PER PKT.
3600 **Phlox Drummondii, Mixed Colors.**
Flowers not so large as the grandiflora type offered below, but just as free-flowering and effective. ¼ oz., 25 cts.; oz., 75 cts. 5

Select Large-Flowering Varieties.

(Phlox Drummondii Grandiflora.)
This is the finest type, having the largest heads of blooms, as well as the largest individual flowers; of strong, sturdy growth, attaining a height of about 15 inches.

- | | | |
|------|--|----|
| 3601 | Snow White..... | 10 |
| 3602 | Shell Pink..... | 10 |
| 3603 | Deep Rose..... | 10 |
| 3604 | Bright Scarlet..... | 10 |
| 3605 | Rich Crimson..... | 10 |
| 3606 | Primrose..... | 10 |
| 3607 | Soft Lilac..... | 10 |
| 3619 | Collection of a packet of each of the above 7 colors..... | 50 |
| 3620 | Choicest Mixed, Large-flowering. Contains all of the colors noted above as well as a great many others and makes very showy bed or border. ¼ oz., 30 cts.; oz., \$1.00..... | 10 |

DOUBLE PHLOX.
3638 Especially desirable for cut flowers lasting better than the single sorts. To produce the best results they should be grown in a light soil. Finest mixed colors..... 15



LARGE FLOWERING DWARF PHLOX DRUMMONDI



DREER'S SELECT LARGE-FLOWERING PHLOX DRUMMONDI

LARGE-FLOWERING DWARF PHLOX

A type combining the size of the individual flower and head of the finest Grandifloras, but of dwarf, compact growth, a perfect combination; and while they do not come in the large variety of colors found in the taller-growing type, the colors offered will be found very effective for beds, borders, etc., etc., 8 inches.

- PER PKT.
- | | | |
|------|---|----|
| 3643 | Brilliant Rose | 15 |
| 3644 | Fiery Scarlet..... | 15 |
| 3645 | Pure White..... | 15 |
| 3650 | Finest Mixed Colors. ¼ oz., 50 cts..... | 10 |

STAR PHLOX (P. Cuspidata).

3640 Of dwarf habit, with very pretty star-shaped flowers. A novel variety; mixed colors. ¼ oz., 40 cts. 10

HARDY PERENNIAL PHLOX.

(P. Decussata.)

3641 Hardy herbaceous perennial and quite distinct from the varieties of Phlox Drummondii offered above, which are annuals. For best results should be sown as soon as frost is out of the ground in spring or as soon as gathered in the autumn. The seed we send out has been saved from our own unrivalled collection and is supplied in mixture only. ¼ oz., 50 cts. 10

PHYSOSTEGIA (False Dragon Head.)

3651 **Virginica.** One of the prettiest hardy perennials, and gaining in popularity as it becomes better known. It forms dense bushes, 3 to 4 feet high, bearing freely during the summer months spikes of delicate pink tubular flowers not unlike a gigantic heather.... 10



POPPIES

Annual Poppies should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Sow very thinly, preferably in cloudy weather or after a shower, barely cover the seed, press down firmly, and they will come up in a few days. If they come up too thickly they must be thinned out to stand 3 to 4 inches or more apart if you wish best results. It is well to make several sowings at intervals to keep up a succession of bloom.

If picked just before expanding the flowers will last several days. It is also advisable to pick the old flowers as soon as fallen, which will lengthen the blooming season quite awhile.

SINGLE ANNUAL POPPIES.

PER PKT.

3696 Dreer's Select Shirley. This is an extra fine strain of these charming Poppies. They are single and occasionally semi-double, and range in color from the purest white through the delicate shades of pale pink, rose and carmine to the deepest crimson and blood-red, while many are daintily edged and striped. In fact, so varied are they that scarcely any two flowers are exactly alike. Oz., 50 cts..... 10

3687 Admiral. A single pæony-flowered variety of surpassing beauty, having large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top. These two colors form a striking contrast, and when planted in groups produce a magnificent effect. $\frac{1}{4}$ oz., 20 cts.... 5



DREER'S SELECT SHIRLEY POPPIES

3689 Charles Darwin. Remarkable for the unique color of its large, smooth-edged flowers, being a striking rich dark purple, with a velvety black spot at the base of each petal. A dense wreath of white anthers produces a fine contrast with the extraordinary color of the flower. $\frac{1}{4}$ oz., 25 cts.. 10

3688 Dainty Lady. Immense flowers, 4 to 5 inches across, of a charming mode shade of rosy mauve, with a large dark metallic blotch at the base of each petal. $\frac{1}{4}$ oz., 25 cts..... 10

3691 Danebrog, or Danish Cross. Very showy variety, producing large flowers of brilliant scarlet, with a silvery-white spot on each petal, forming a white cross, which is nicely shown in the illustration on this page. Per oz., 25 cts.. 5

3692 English Scarlet. The scarlet field Poppy. Oz., 40 cts..... 5

3703 King Edward. A new variety of gorgeous coloring, being a deep scarlet, shaded crimson-red, each petal marked with a large black blotch for half its length from the base, against which the yellow anthers stand out in bold relief. The plant grows 2 $\frac{1}{2}$ feet high, and produces its very large flowers with great freedom. $\frac{1}{4}$ oz., 25 cts..... 10

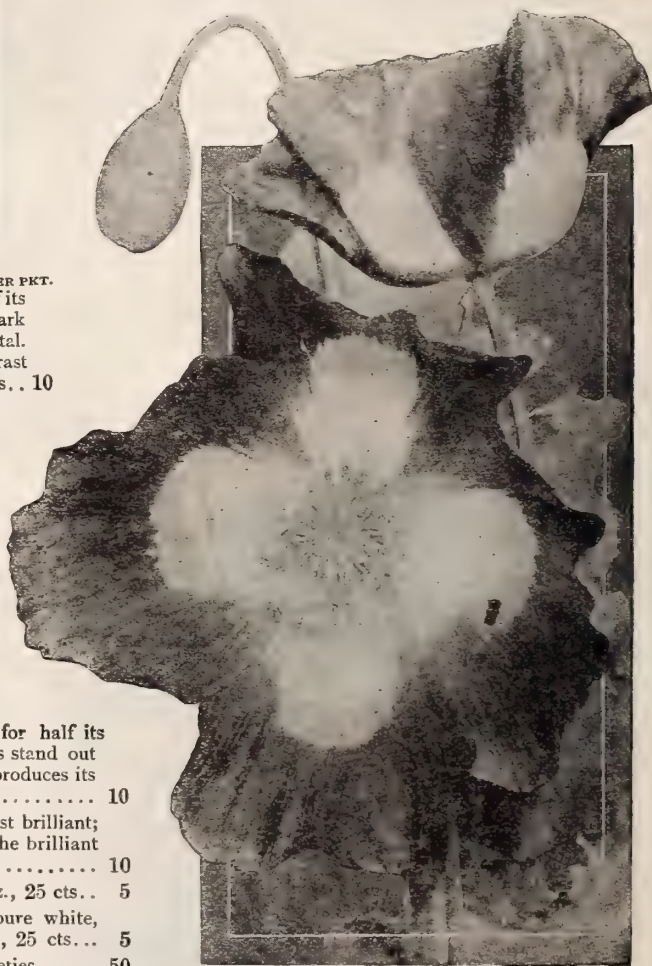
3695 Tulip Poppy (*Papaver Glaucum*). One of the most brilliant; the flowers are 3 inches across and closely resemble the brilliant Scarlet Gesneriana Tulip; 2 feet. Per $\frac{1}{4}$ oz., 25 cts..... 10

3697 The Bride. A beautiful large, pure white. Per oz., 25 cts.. 5

3699 Virginia. Large, beautifully fringed flowers of pure white, edged with soft pink; exquisite when cut. Per $\frac{1}{4}$ oz., 25 cts... 5

3709 Collection of a packet each of above 10 single varieties..... 50

3710 Single Mixed. Annual sorts. Oz., 20 cts..... 5



DANEBROG, OR DANISH CROSS POPPY

DOUBLE ANNUAL POPPIES

The same culture as given at the top of the preceding page should be followed in the case of the double flowering annual sorts. They make a gorgeous showing during their flowering period, and are largely used for beds and borders.

- | | PER PKT. |
|--|----------|
| 3711 American Flag. Beautiful variety; flowers very large and double, snow white, bordered with scarlet. Per oz., 30 cts..... | 5 |
| 3712 Fairy Blush. Very double flowers of pure white, elegantly fringed and tipped with rose. Per oz., 25 cts..... | 5 |
| 3713 Golden Gate. Comprising an infinite variety of semi-double and double flowers in the greatest variety of colors. Per oz., 30 cts..... | 5 |
| 3714 "Mikado" (<i>The Striped Japanese Poppy.</i>) This beautiful Poppy is very distinct in character and color. The flowers are brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum. Per oz., 25 cts..... | 5 |
| 3715 White Swan. Immense double flowers, beautifully fringed and of purest white, of the same dwarf habit as Cardinal and Shell-pink. Per oz., 25 cts..... | 5 |
| 3716 Cardinal. A splendid dwarf variety of the carnation-flowered type, growing about 2 feet high and bearing large globular, fringed flowers of an intense cardinal red. Per oz., 30 cts..... | 5 |
| 3717 Shell-pink. Similar in every way to Cardinal and White Swan, except color, which is a soft sea-shell or chamois pink. Very dainty. Per oz., 25 cts..... | 5 |



DOUBLE PÆONY-FLOWERED POPPIES

- | | PER PKT. |
|---|----------|
| 3720 Carnation Flowered. Splendid double-fringed flowers, mixed colors. (See cut.) Per oz., 25 cts..... | 5 |
| 3730 Pæony Flowered. Large, showy, double globular flowers, resembling a double Pæony, mixed colors. (See cut.) Per oz., 25 cts..... | 5 |
| 3719 Collection of 8 varieties. Double Carnation flowered..... | 30 |
| 3729 Collection of 8 varieties. Double Pæony flowered..... | 30 |

ICELAND POPPIES.

(*Papaver Nudicaule.*)

While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. They are of graceful, neat habit, with bright green, fern-like foliage, formed in tufts, from which issue slender stalks about 12 inches high, bearing their brilliant flowers in endless profusion; most useful for cutting, for which purpose pick when in bud, and, if the seed pods are picked off, continue in flower the entire season. They remain evergreen throughout the winter, coming into bloom early the following spring.

- | | |
|---|----|
| 3733 Bright Yellow | 10 |
| 3734 Pure White | 10 |
| 3736 Orange Scarlet | 10 |
| 3740 Finest Mixed. All colors. $\frac{1}{2}$ oz., 25 cts.... | 10 |
| 3735 New Hybrid Iceland. The latest development in this lovely species, varying in color from sulphur yellow through different shades of orange to chamois and salmon rose, some of which are very striking. | 15 |

DOUBLE CARNATION-FLOWERED POPPIES



ORIENTAL POPPY

HARDY PERENNIAL POPPIES.

Oriental Poppies should be shown in early spring in the open ground as soon as it is fit to work. The plants disappear during July or August, appearing again as soon as the weather gets cool. When this fall growth starts is the time they should be transplanted to their permanent flowering quarters. It is well to mark the places they are planted with a stake to insure the roots against disturbance during their annual resting period.

PER PKT.

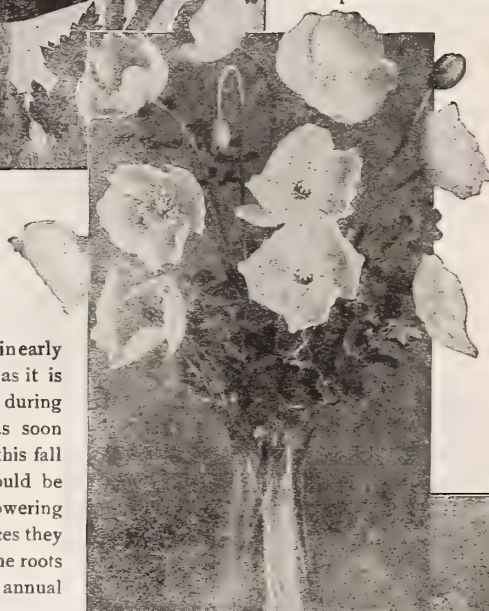
- 3731 **Bracteatum.** Immense orange-scarlet flowers, very similar to the Oriental Poppy. $\frac{1}{4}$ oz., 25 cts. 5
- 3747 **Orientele** (*The Large Oriental Poppy*). A charming summer-flowering hardy plant, producing numerous leafy stems about $2\frac{1}{2}$ feet high, with large deep crimson flowers; having a conspicuous black blotch on each petal, exceedingly showy. $\frac{1}{4}$ oz., 25 cts. 5

LARGE HYBRID ORIENTAL POPPIES.

We offer five of the best and most distinct sorts. Seedlings are liable to vary somewhat in color.

- 3742 **Goliath.** Vermillion red, very large. 15
- 3748 **Mammoth.** Glowing scarlet, very large. 15
- 3745 **Mahony.** Deep crimson maroon. 15
- 3744 **Princess Victoria Louise.** Soft salmon-rose. 15
- 3743 **Perry's White.** The wonderful new white with crimson blotch on base of petals. 25
- A packet each of the 5 sorts, 75 cts.
- 3750 **Mixed Hybrids.** Saved from a large number of named sorts. $\frac{1}{4}$ oz., 50 cts. 15

ICELAND POPPIES



ICELAND POPPIES.

This charming class of hardy Poppies is offered on preceding page.

PLATYCODON.

(Balloon Flower, or Japanese Bellflower.)

One of the best hardy perennials, producing very showy flowers during the whole season. They form large clumps and are excellent for planting in permanent borders or among shrubbery; easily raised from seed, which begins blooming in August if sown outdoors in April. (See cut.)

PER PKT.

- 3663 **Grandiflorum.** Large steel blue flowers. $\frac{1}{4}$ oz., 40 cts. 10
- 3664 — **Album.** Pure white variety. $\frac{1}{4}$ oz., 40 cts. 10
- 3662 **Mariesi.** Large open, bell-shaped flowers of a rich violet-blue; plant dwarf and compact. $\frac{1}{4}$ oz., 40 cts. 10
- 3661 **Japonicus Fl. Pl.** (*Double Japanese Bellflower*). Large, glossy, deep-blue flowers. The inner petals alternate with the outer ones, giving the flower the appearance of a ten-pointed blue star. 2 pkts., 25 cts. 15

POLYANTHUS.

(Primula Elatior.)

Showy, early spring, free-flowering plants, fine for either pot or outdoor culture; hardy perennials; 9 inches.

- 3677 **Invincible Giant.** Undoubtedly the finest strain in cultivation, containing all colors from purest white to the richest crimson. 5 pkts., \$1.00. 25
- 3676 **Gold-laced.** Very showy and attractive flowers with narrow edge of gold. 15
- 3680 **English Mixed.** A fine grade; all colors. $\frac{1}{4}$ oz., 30 cts. 10



PLATYCODON GRANDIFLORUM

PORTULACA (Sun Plant).

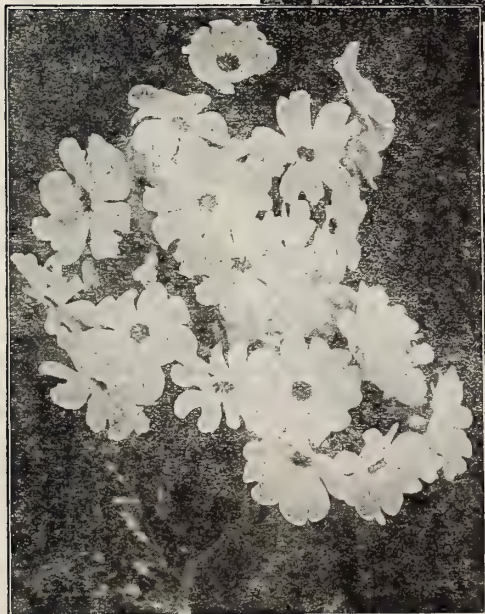
One of our finest hardy annual plants, of easy culture, thriving best in a rather rich, light loam or sandy soil, and luxuriating in an exposed sunny situation; the flowers are of the richest colors, and produced throughout the summer in great profusion; fine for massing in beds, edgings or rock-work, and frequently used to sow broadcast over sunny banks, etc.; in any case it is well to mix the seed with three or four times its bulk of dry sand or soil, which permits an even and easy distribution of the seed; - 6 inches.

	PER PKT.
3764 Single Rose. $\frac{1}{4}$ oz., 20 cts.	5
3765 " Scarlet. $\frac{1}{4}$ oz., 20 cts.	5
3766 " White. $\frac{1}{4}$ oz., 20 cts.	5
3767 " Yellow. $\frac{1}{4}$ oz., 20 cts.	5
3770 " Mixed. All colors. Per oz., 40 cts.	5
3769 Collection of 8 single varieties.	30
3760 Double Mixed. A large percentage of the flowers will come perfectly double, of the most brilliant scarlet, crimson, white, yellow, etc. $\frac{1}{4}$ oz., 50 cts.	10
3759 Collection of 6 double varieties.	50

Pueraria Thunbergiana.

(Japanese Kudzu Vine.)

- 3835 To this must be awarded first place as the fastest growing hardy climbing plant. It will grow 8 to 10 feet the first year from seed, and after it has become established there seems to be no limit to its growth, 50 feet in a single season being not unusual. Its foliage is large and covers well; it bears small racemes of rosy-purple; pea-shaped blossoms toward the close of August. A splendid subject for covering permanently verandas, dead trees, etc. $\frac{1}{4}$ oz., 25 cts. 10



PRIMULA OBCONICA GRANDIFLORA



DOUBLE PORTULACAS

PRIMULA

(Various Varieties.)

PER PKT.

- 3823 **Forbesi** (*Baby Primrose*). This is the freest-flowering primula we know of. The little plants throw up tiny flower stalks when only a few weeks old.

SINGLE PORTULACAS

These should be pinched off and the plants kept growing until October, and from then on until late in the spring they produce their sprays of beautiful rosy-lilac flowers in profusion. 25

- 3824 **Kewensis.** This variety is most attractive, with pleasing bright yellow flowers borne on long stems. It is delightfully fragrant and stands well as a house plant. 25
- 3826 **Malacoides.** A fine house plant, somewhat like P. Forbesi, but larger in all its parts, flowers delicate lilac. 25
- 3827 — **Alba.** A new white flowering form. 25

PRIMULA OBCONICA.

These are of the earliest culture in greenhouse or light window of dwelling house, flowering abundantly and continuously with little care, and should be sown during the spring in good porous loam. They will not germinate well in any compost containing peat or leaf mould. To develop the colors to the highest degree, grow in heavy soil, and at a temperature as near 60 degrees as possible. The Grandiflora varieties are the freest-flowering, but lack the very large individual blooms of the newer Gigantea type. PER PKT.

- 3811 **Obconica Gigantea Kermesina.** Rich crimson. 25
- 3812 — — **Rosea.** Pure rose color. 25
- 3815 — — **Mixed.** All colors. 20
- 3816 — **Grandiflora Alba.** Pure white. 20
- 3817 — — **Kermesina.** Bright crimson. 20
- 3819 — — **Appleblossom.** Soft pink. 20
- 3818 — — **Rosea.** Beautiful clear rose. 20
- 3820 — — **Mixed.** All colors. 10



PRIMULA (Primrose).

The charming and beautiful Chinese Fringed Primroses and Obconica varieties offered on page 107 are indispensable for winter or spring decorations in the home or conservatory. They are one of the most important winter blooming pot plants. The seed we offer is of the highest merit, and has, as usual, been saved from the best strains of English and Continental growth. Florists and others report that they have never seen finer flowers than those produced from our seed. Sow in March, April or May. The hardy varieties are also deserving of wide cultivation.

FRINGED CHINESE PRIMROSES.

- | | PER PKT. |
|---|----------|
| 3782 Alba Magnifica. A magnificent pure white..... | 25 |
| 3783 Covent Garden Red. A fine rosy-red.,..... | 25 |
| 3785 Covent Garden White. A very free-flowering pure white..... | 25 |
| 3787 Rosy Morn. Beautiful delicate pink..... | 50 |
| 3790 Stellata. A very pretty form with large heads of star-shaped flowers of various colors; a splendid type for decorative purposes..... | 25 |
| 3791 Giant Flowering. A strong growing variety producing immense trusses of extra large finely fringed flowers in a large range of colors | 35 |
| 3800 Dreer's Choicest Mixed. This mixture contains nothing but the finest-fringed large flowering sorts, and cannot fail to give entire satisfaction.. | 25 |



LARGE-FLOWERING CHINESE PRIMROSE

Hardy Primroses.

These are among the best of the early spring-blooming plants. With a slight protection they will stand the winter, but will do better if protected by a cold frame.

- | | PER PKT. |
|---|----------|
| 1500 Auricula. A well-known favorite of great beauty; seed saved from splendid choice mixed varieties; 6 inches..... | 15 |
| 3825 Japonica (<i>Japanese Primrose</i>). Bright and showy flowers; borne in whorls on stems 6 to 9 inches long; mixed colors..... | 15 |
| 3830 Vulgaris (<i>English Primrose</i>). Canary-yellow, fragrant. $\frac{1}{4}$ oz., 50 cts..... | 10 |

See also Cowslip and Polyanthus.

PYRETHRUM.

P. aureum, is the well-known Golden Feather so much used for edging, carpet-bedding, etc., while the others are most attractive hardy plants.

- | | |
|---|----|
| 3841 Aureum (<i>Golden Feather</i>). Yellow foliage. Per $\frac{1}{4}$ oz., 20 cts. | 5 |
| 3846 Hybridum. Hardy perennial, bearing large Daisy or Cosmos-like flowers, ranging in color from white to deep red, with bright yellow centres; blooms in May and June and again in the fall, and is one of the most graceful and long-lasting cut flowers. These are nicely shown in the illustration on this page. Per $\frac{1}{4}$ oz., 50 cts... | 10 |
| 3847 Hybridum Grandiflorum. A large flowering form of the above, mixed colors. Per $\frac{1}{4}$ oz., 75 cts..... | 15 |
| 3845 Hybridum Fl. Pl. Seed saved from the finest double flowers, only a small percentage can be expected to come double the first year, mixed colors. $1\frac{1}{2}$ feet..... | 25 |
| 3851 Uliginosum Stellatum (<i>Starry Giant Daisy</i>). A beautiful new type of this fine hardy perennial. For description see Novelties and Specialties, on pages 53 to 62. 2 pkts. 25 cts..... | 15 |



PRIMULA VULGARIS (ENGLISH PRIMROSE)



PYRETHRUM HYBRIDUM



RUDBECKIA BICOLOR SUPERBA

RHODANTHE.

(Swan River Everlasting.)

PER PKT.

3866 A charming annual; succeeds in a light rich soil and a warm, sheltered situation; valuable for pot culture; flowers everlasting, mixed colors; 1 foot.. 10

RICINUS.

(Castor Oil Bean.)

Ornamental plants of stately growth and picturesque foliage, with brilliant colored fruit, producing sub-tropical effect; fine for lawns, massing or centre plants for beds.

- 3861 **Borboniensis.** Green foliage; 15 feet..... 5
- 3863 **Gibsoni.** Deep red foliage; 5 feet..... 5
- 3862 **Cambodgiensis.** The main stems and leaf stalks are shining ebony, leaves large, regularly divided and richly colored. The foliage assumes different shades as the plant increases in size, so that very striking effects may be obtained when planted in groups; 5 feet..... 5
- 3865 **Sanguineus.** Blood-red stalks and clusters of red fruit; 8 feet... 5
- 3870 **Zanzibariensis.** A distinct class, which surpasses in size and beauty all varieties. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves. The different varieties included in our mixture have light and dark green leaves and some of coppery-bronze, changing to dark green, with reddish ribs. The seeds are quite distinct in color and beautifully marked. Per oz.. 25 cts 5
- 3880 **Mixed.** All sorts. Per oz., 25 cts..... 5
- 3879 **Collection** of 8 distinct varieties..... 40

ROSMARINUS (Rosemary).

3895 **Officinalis.** An old favorite aromatic herb, delightfully fragrant, flowers light blue, grows about two feet high, should be planted in a warm, dry situation, and given a little protection. ¼ oz., 15 cts. 5

RUDBECKIA (Cone Flower).

PER PKT.

- 3901 **Bicolor Superba.** Fine free-flowering annual variety, growing about two feet high, forming a dense bush and producing in great abundance on long stems its bright flowers. The disk is brown, the florets golden-yellow, with large velvety brown spots at the base; very effective and useful for cutting. (See cut.)..... 10
- 3906 **Fulgida.** An effective hardy perennial sort, producing in masses during August and September brilliant orange-yellow flowers; 3 feet. 15
- 3902 **Newmani.** One of the finest of autumn-flowering perennials, bearing large flowers. Bright orange-yellow petals, surrounding a large black cone; a showy flower 15
- 3903 **Purpurea** (*Giant Purple Cone-Flower*). A most interesting hardy perennial, producing all summer large, showy reddish-purple flowers; about 4 inches across, with a remarkably large cone-shaped centre of brown; thickly set with golden tips in spiral lines. ¼ oz., 30 cts. 10

SANVITALIA.

- 3938 **Procumbens Fl. Pl.** An annual of dwarf, compact growth useful in masses in beds or edges of borders, or in vases, baskets, etc. Showy bright yellow, double flowers, in bloom all summer. (See cut.)..... 10

Saponaria (Bouncing Bet).

- 3940 **Vaccaria.** A pretty and useful annual variety, grows about 2 feet high and bears masses of satiny pink flowers somewhat like an enlarged Gypsophila; charming for cutting, adding grace to any arrangement of flowers. Several sowings should be made to keep up a succession of bloom. Per oz., 30 cts ... 5



SANVITALIA PROCUMBENS



RUDBECKIA PURPUREA (Giant Purple Cone Flower)



SALVIA SPLENDENS (Scarlet Sage) .

SALPIGLOSSIS (Painted Tongue).

The Salpiglossis is one of the greatest favorites among annuals, partly because of its easy culture, but principally for its beautiful, almost orchid-like flowers, which it produces from early summer until late fall. Seed should be sown early in spring in a hotbed or window and transplanted when weather is settled or directly out of doors after danger of frost. The seed we offer is a select large-flowering strain. (See cut.)

PER PKT.

PER PKT.

- | | | | |
|---|----|---------------------------------|----|
| 3912 Crimson | 10 | 3915 Rose and Gold | 10 |
| 3913 Primrose | 10 | 3916 Scarlet and Gold .. | 10 |
| 3914 Purple and Gold .. | 10 | 3917 White and Gold .. | 10 |
| 3919 Collection of a packet each of the above 6 sorts | 50 | | |
| 3920 Finest Mixed . All colors. $\frac{1}{2}$ oz. 40 cts..... | 10 | | |
| 3921 Emperor . This variety forms only one leading stem, and bears on its summit a veritable bouquet of the most beautiful flowers, each one richly veined with gold. $\frac{1}{4}$ oz., 50 cts..... | 10 | | |

HARDY SALVIAS.

- 3928 **Azurea Grandiflora**. A hardy perennial variety, producing during August and September spikes of pretty sky-blue flowers in great profusion; 2 to 3 feet..... 10
- 3929 **Farinacea**. A perennial variety, but best grown as an annual. Seed sown in the open ground in May, blooming from July to frost. The fine light blue flowers are borne on long spikes held above the foliage; makes a good blue line; 2 feet..... 10
- 3930 **Uliginosa**. In general habit similar to Salvia Azurea Grandiflora. The flowers are a pretty cornflower blue with a white throat, produced in branched spikes about six inches long. Flowering the first season if sown early..... 25

SALVIA SPLENDENS (Scarlet Sage).

The Scarlet Sage has long been a favorite bedding plant, also grown for conservatory decoration, bearing long spikes of flowers in great profusion from July till frost; seed should be sown as early as possible, either indoors or in a hotbed, and the young plants transferred to their flowering quarters when the weather has become settled and warm. May also be sown in the open ground in May.

PER PKT.

- 3935 **Splendens (Scarlet Sage)**. Beautiful bright scarlet; 3 feet. $\frac{1}{4}$ oz., 50 cts..... 5
- 3932 **"Bonfire."** This is one of the finest of the Scarlet Sages, growing in a compact bush 2 feet high by 2 feet in diameter. Its erect spikes of brilliant scarlet flowers stand clear above the dark green foliage and completely cover the plant. It attracts immediate attention in the garden, and is one of the most effective and gorgeous plants in cultivation. Per $\frac{1}{4}$ oz., 75 cts..... 10
- 3933 **"Burning Bush."** This variety forms strong, sturdy bushes 2 $\frac{1}{2}$ feet high, and bears the finest individual spikes of flowers of all, many of them being over 18 inches in length; color intensely rich scarlet; decidedly one of the best. $\frac{1}{4}$ oz., 75 cts..... 10
- 3934 **Ball of Fire**. A compact type and popular for beds and borders requiring a variety of dwarf habit than the regular Scarlet Sage or the variety "Bonfire." Per $\frac{1}{4}$ oz., 60 cts..... 15
- 3937 **Zurich**. A splendid dwarf variety, growing about 2 feet high, and is especially valuable on account of being the earliest to bloom, flowering 10 days in advance of any other sort. $\frac{1}{4}$ oz., 75 cts..... 20
- 3936 **Globe of Fire**. A splendid new variety, described with other novelties and specialties on pages 53 to 62 25
- 3931 **Patens (Blue Sage)**. In color this is as blue as the "Scarlet Sage" is red; unlike the latter, however, it is not useful for bedding, but it is a beautiful plant for the border or greenhouse; tender perennials; 2 feet 25



SALPIGLOSSIS IMPROVED LARGE-FLOWERING

SCABIOSA.

(Mourning Bride, Sweet Scabious, Pin-cushion Flower, etc.)

Firm favorites with many of our customers. Seed can be sown any time in the spring after danger of frost is past. They grow about 2½ feet high, and come into bloom early in July, and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without Scabiosas, especially where flowers are wanted for cutting. We offer six colors as under.

IMPROVED LARGE-FLOWERING.

(Annual Scabiosas.)

	PER PKT.
3943 Azure Fairy. Clear lavender-blue.....	10
3944 Crimson. Rich rosy crimson.....	10
3951 Flesh Pink. Delicate tone of pink.....	10
3952 King of the Blacks. Velvety black-purple	10
3956 Rose. Soft rose color.....	10
3958 White. Pure white.....	10
3959 Collection of a packet each of the 6 colors.....	40
3960 Mixed. All colors of the Improved Large-flowering. Per ¼ oz., 20 cts.; per oz., 50 cts.....	5

HARDY PERENNIAL SCABIOSAS.

- 3941 **Caucasica** (*Blue Bonnet*). One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac-blue; 3 feet. ⅓ oz., 40 cts. 15
- 3942 **Japonica.** A variety from Japan, forming bushy plants, 2½ feet in height, and bearing on long, wiry stems beautiful, artistic, lavender-blue flowers; a fine cut flower. ⅓ oz., 25 cts. 10



SCHIZANTHUS (Butterfly or Fringe Flower)



IMPROVED LARGE-FLOWERING SCABIOSAS

SCARLET RUNNER BEANS.

- 3595 **Scarlet Runners.** A great favorite in England and Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the bright scarlet sprays of pea-shaped blossoms. Per pint, 30 cts., postpaid... 5

PER PKT.

SCHIZANTHUS.

(Butterfly or Fringe Flower.)

This is one of the airiest and daintiest flowers imaginable, especially adapted to bordering beds of taller flowers and those of a heavier growth. The seeds germinate quickly and come into bloom in a few weeks from sowing. The florescence is such as to completely obscure the foliage, making the plant a veritable pyramid of the most delicate and charming bloom. The Schizanthus make admirable pot plants for the house in late winter and early spring. For this purpose sow in the autumn.

- 3967 **Dwarf Large-flowered.** A new variety, forming compact pyramidal plants a foot high, literally covered with large, beautiful, orchid-like flowers in a bewildering range of color. ¼ oz., 40 cts..... 15
- 3968 **Wisetonensis.** A variety largely used as a pot plant for the house or conservatory. It is remarkably free-flowering, and presents a beautiful appearance with its myriads of blooms, the ground color of which is white, dotted with delicate rose..... 25
- 3970 **Mixed.** A splendid mixture of the regular type. ¼ oz., 25 cts.... 5

THE CARDINAL CLIMBER.

This beautiful annual climber is nicely shown in colors and fully described with other Novelties and Specialties on pages 53 to 62.



Dreer's Select SWEET PEAS

There are hundreds of both Orchid-flowered and Grandiflora varieties of Sweet Peas, many of which are practically identical and still others which lack either size, purity of color, vigor or some other characteristic which all first-class sorts should have. It would be an easy matter for us to greatly extend our list; but we think it best to confine our offers to such sorts as are really first class, and every variety we offer is entitled to a place in the front rank of Sweet Peas. In addition to the splendid list of Orchid-flowered sorts offered on the page opposite we also offer the very latest introductions, which are fully described on page 61.

HOW TO GROW SWEET PEAS.

The soil for Sweet Peas should be rich and deep. A good rich loam, with plenty of well-rotted manure in it, is the ideal soil for raising good plants that will produce plenty of blooms of good substance. Soils that are at all heavy are best dug in the autumn, and during the winter months a good dressing of hardwood ashes or air-slacked lime should be given it. They should be in a position fully exposed to the sunlight and air on both sides of the row.

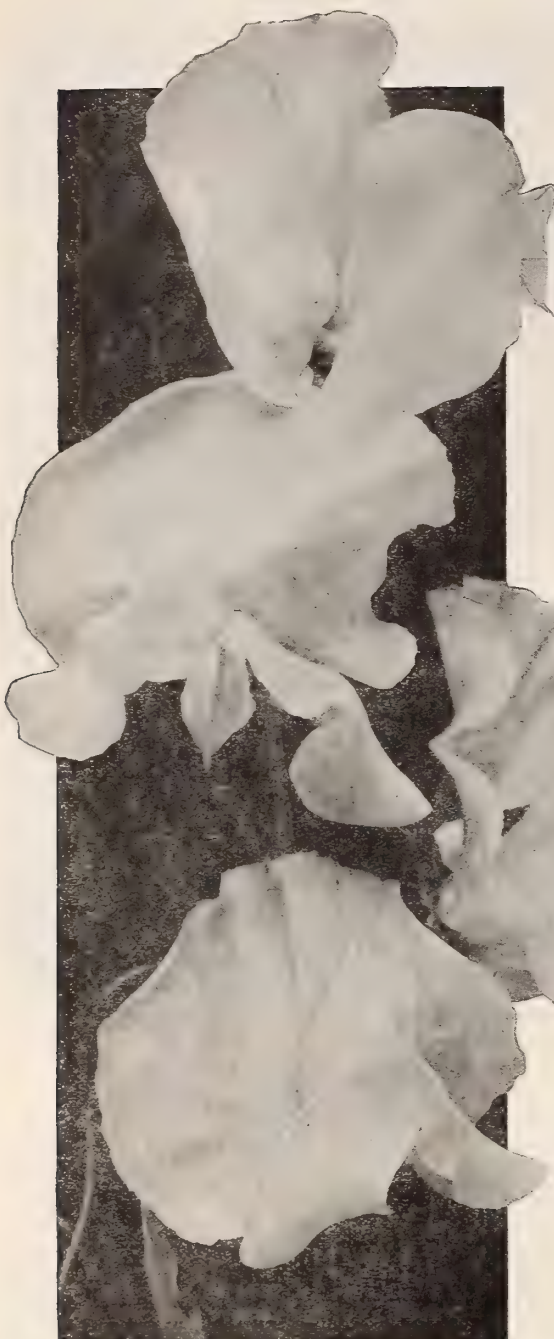
Much depends on the state of the weather as to when the seed may be sown out of doors; but they should be sown as early in the season as the ground can be worked, which is usually between the middle of March and the middle of April in the latitude of Philadelphia. It is best to make a trench or furrow about six inches deep, in the bottom of which sow the seed. Cover with about an inch of soil, pressing it down firmly. As soon as they are above ground, thin out to two to four inches apart; when planted too close they do not attain their full development. They should be staked up either with branches of brush or stout stakes on which wire netting has been fastened. These should be at least four feet high, and five feet would be better. It is just as well to do the staking at the time of sowing.

During dry weather they should be watered thoroughly and frequently, and given an application of liquid manure once a week. A mulch of hay or rakings from the lawn will be found beneficial during hot weather. The flowers should be cut as often as possible, to prevent the plants from running to seed, which would stop them from continuing in bloom.

White-seeded varieties should not be sown until the ground is comparatively dry and warm. If sown under cold, wet conditions, the seed is liable to rot. With few exceptions, Sweet Peas are black-seeded, and these do not appear to be affected like the white-seeded sorts.

Dreer's Select Grandiflora Sweet Peas

The following are the very choicest grandiflora sorts—varieties that stand at the head of their respective color and that have the endorsement of the leading American and European specialists—and it would be impossible to select a similar list out of the vast number of grandiflora sorts that would combine in the same degree all the qualities which go to make up first-class varieties.



ORCHID-FLOWERED SWEET PEAS COUNTESS SPENCER

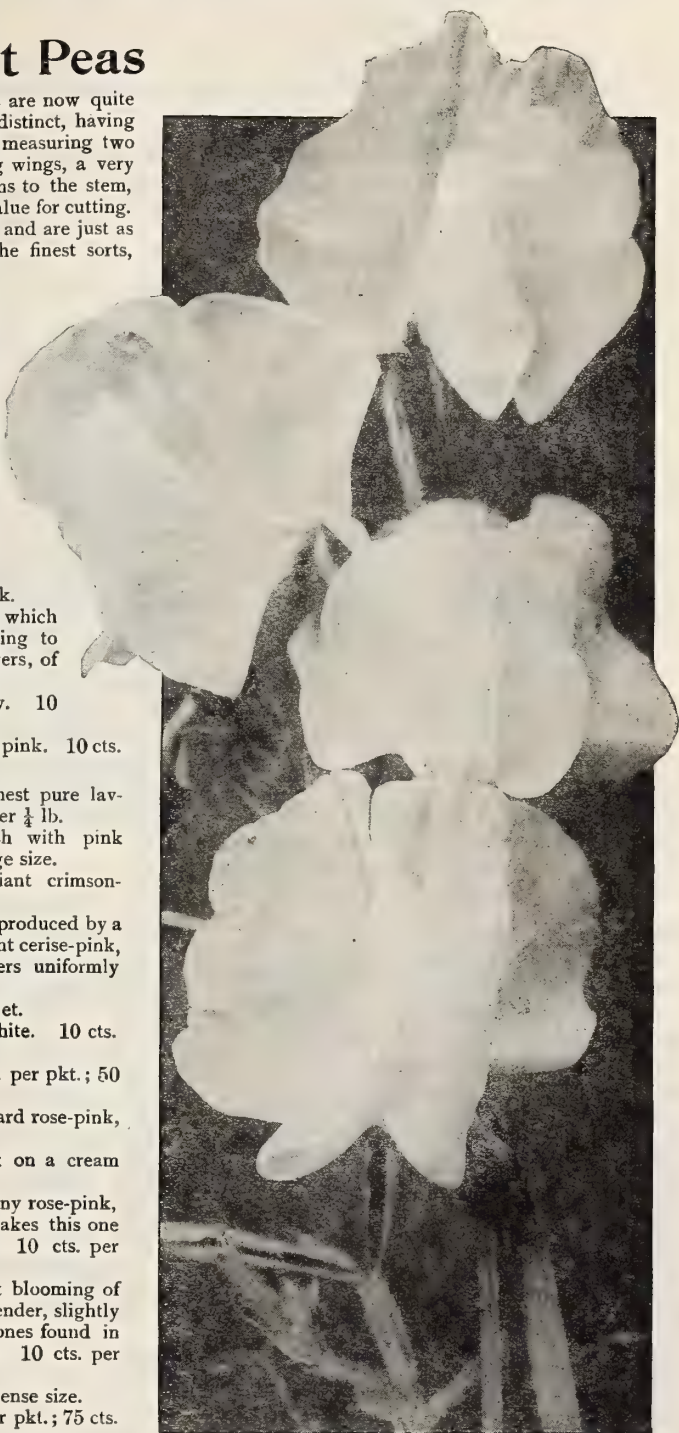
- | | |
|--|---|
| <p>4232 Aurora. Orange-rose, striped on a white ground.
 4233 Black Knight. Very deep maroon, shaded black.
 4234 Blanche Ferry. The popular pink and white.
 4235 Dorothy Eckford. Magnificent pure white.
 4236 Flora Norton. The clearest bright blue.
 4237 Frank Dolby. A fine large wavy pale lavender-blue.
 4241 Gladys Unwin. Charming pale rose-pink with wavy petals.
 4242 Hon. Mrs. E. Kenyon. The finest primrose-yellow.
 4268 Collection of a packet each of the above 17 Select Grandiflora Sweet Peas for 50 cts.
 4269 Collection of one ounce each of the above 17 Select Grandiflora Sweet Peas for \$1.75.
 4260 Dreer's "Peerless" Mixture. This mixture contains nothing but the finest grandiflora varieties blended with the greatest care so as to produce best color effect. 5 cts. per pkt.; 10 cts. per oz.; 30 cts. per $\frac{1}{4}$ lb.; \$1.00 per lb.</p> | <p>4243 Janet Scott. A grand deep rich pink.
 4244 King Edward VII. The finest crimson-scarlet.
 4245 Lady Grisel Hamilton. A grand pale lavender.
 4246 Lord Nelson. The richest deep navy-blue.
 4247 Lovely. Soft shell-pink; a lovely shade.
 4251 Miss Willmott. Brilliant orange-pink; very large.
 4252 Mrs. Walter Wright. An exquisite shade of mauve.
 4253 Nora Unwin. A superb pure white with wavy petals.
 4254 Prima Donna. A magnificent pure pink.
 Price. Any of the above, 5 cts. per pkt.; 15 cts. per oz.; 40 cts. per $\frac{1}{4}$ lb.
 4270 Cupid, Dwarf or Bedding Mixed. These form a line of emerald-green foliage a little over a foot wide and 6 inches high, and from June until late summer are literally a sheet of bloom; the mixture contains all the colors. 5 cts. per pkt.; 15 cts. per oz.; 50 cts. per $\frac{1}{4}$ lb.; \$1.50 per lb.</p> |
|--|---|

DREER'S SUPERB

Orchid-flowered Sweet Peas

The best of the old-fashioned or grandiflora varieties are now quite overshadowed by this wonderful type, which are quite distinct, having large, round open flowers of extraordinary size, usually measuring two inches across, with wavy standards and wide-spreading wings, a very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting. All the sorts offered below have been thoroughly tested and are just as easy to grow as the grandiflora varieties. For list of the finest sorts, also for the latest introductions, see Novelties and Specialties, pages 53 to 62.

- 4061 **Agricola.** Extra large, very wavy flowers of a light lilac or lavender-pink, a color that lights up beautifully under artificial light. 10 cts. per pkt.; 30 cts. per oz.; \$1.00 per $\frac{1}{4}$ lb.
- 4032 **Apple Blossom Spencer.** Rose and blush-pink.
- 4071 **Barbara.** Beautiful rich salmon.
- 4074 **Blanche Ferry Spencer.** Identical in color to the popular pink and white Blanche Ferry; immense wavy flowers.
- 4086 **Countess Spencer.** A lovely soft rosy-pink, shading deeper at the edges, the original of this type.
- 4092 **Dainty Spencer.** White, edged with rosy-pink.
- 4093 **Decorator.** Striking and distinct in coloring, which is a rich rose overlaid with terra cotta, intensifying to deep orange at the base of the wings. The flowers, of large size, are of true Spencer waved form.
- 4095 **Dobbie's Cream.** The finest primrose-yellow. 10 cts. per pkt.; 30 cts. per oz.; \$1.00 per $\frac{1}{4}$ lb.
- 4108 **Elfrida Pearson.** The finest and largest light pink. 10 cts. per pkt.; 30 cts. per oz.; \$1.00 per $\frac{1}{4}$ lb.
- 4117 **Florence Nightingale.** The largest and finest pure lavender. 10 cts. per pkt.; 30 cts. per oz.; \$1.00 per $\frac{1}{4}$ lb.
- 4116 **Florence Morse Spencer.** Delicate blush with pink margin; a charmingly beautiful flower of very large size.
- 4125 **Helen Lewis (Orange Countess).** Brilliant crimson-orange; wings orange-rose.
- 4136 **Illuminator.** A rich and charming new color, produced by a ground color of salmony-orange overlaid with bright cerise-pink, the effect being a glowing orange-scarlet; flowers uniformly large. 10 cts. per pkt.; 50 cts. per oz.
- 4143 **King Edward Spencer.** Bright crimson-scarlet.
- 4147 **King White.** The finest white-seeded pure white. 10 cts. per pkt.; 50 cts. per oz.; \$1.50 per $\frac{1}{4}$ lb.
- 4151 **Margaret Atlee.** The best rich pink. 10 cts. per pkt.; 50 cts. per oz.; \$1.50 per $\frac{1}{4}$ lb.
- 4154 **Mrs. Cuthbertson.** The finest bicolor, standard rose-pink, wings blush white.
- 4156 **Mrs. Hugh Dickson.** Beautiful salmon-pink on a cream ground, extra fine.
- 4158 **Mrs. R. Hallam.** An exquisite tone of salmony rose-pink, which, together with the nicely waved flowers, makes this one of the most charming varieties yet introduced. 10 cts. per pkt.; 50 cts. per oz.
- 4174 **Orchid.** This grand variety is one of the freest blooming of the newer Sweet Peas. In color a rich, deep lavender, slightly suffused with pink, similar in tint to the color tones found in the Cattleya Orchids. A beauty in every way. 10 cts. per pkt.; 50 cts. per oz.
- 4177 **Othello Spencer.** Rich deep maroon of immense size.
- 4198 **Royal Purple.** Rich royal purple. 10 cts. per pkt.; 75 cts. per oz.
- 4202 **Scarlet Emperor.** Rich deep scarlet; extra large. 10 cts. per pkt.; 50 cts. per oz.; \$1.50 per $\frac{1}{4}$ lb.
- 4214 **Thomas Stevenson.** Brilliant orange scarlet, the most striking color of all.
- 4222 **Wedgwood.** Bright silvery or wedgwood-blue. 10 cts. per pkt.; 50 cts. per oz.; \$1.50 per $\frac{1}{4}$ lb.
- 4228 **White Spencer.** A pure, wavy white of enormous size and splendid substance; long, strong stems.
- Price.** Any of the above, except where noted, 10 cts. per pkt.; 25 cts. per oz.; 75 cts. per $\frac{1}{4}$ lb.
- 4208 **Collection** of a packet each of the entire 26 varieties offered above, \$2.00.



ORCHID-FLOWERED SWEET PEAS KING WHITE

DREER'S ORCHID-FLOWERED SWEET PEAS IN MIXTURE.

- 4230 Read what we say about this type at top of this page. They represent the highest achievement in Sweet Peas to date, and this mixture has been made up out of named sorts only, insuring a well balanced range of colors, and it would be impossible to get anything of higher quality at any price. 10 cts. per pkt.; 20 cts. per oz.; 60 cts. per $\frac{1}{4}$ lb.; \$2.00 per lb.

STOCKS (Gilliflower).

The Stock is one of the most popular annuals, either for bedding or pot culture; for brilliancy and diversity of color, fragrance, profusion and duration of bloom it is unsurpassed.

IMPROVED LARGE-FLOWERING 10-WEEK STOCKS.

This is the leading class for bedding out for summer blooming, coming into flower quicker than the other types.

	PER PKT.		PER PKT.
4011 Blood-red.....	10	4015 Purple.....	10
4013 Light Blue.....	10	4016 Pure White.....	10
4014 Bright Pink.....	10	4017 Canary Yellow.....	10
4020 Mixed. Double large-flowering. $\frac{1}{8}$ oz., 50 cts.....	5		
4018 Collection. A packet each of above 6 colors.....	50		
4027 Snowflake. A dwarf 10-week variety with large double snow-white flowers; fine for pot culture.....	15		

CUT-AND-COME-AGAIN 10-WEEK STOCKS.

Splendid perpetual-blooming class; sown in March or April they begin flowering in July, continuing until frost, and are especially valuable during September and October, when other flowers are scarce; they throw out numerous side branches, all bearing very double, fragrant flowers.

4031 Princess Alice. White.....	15	4034 Sapphire. Dark blue... ..	15
4032 La France. Rose....	15	4035 Creole. Creamy yellow..	15
4033 Brilliant. Blood-red..	15	4036 May Queen. Delicate lilac	15
4040 Finest Mixed. All colors. $\frac{1}{8}$ oz., 75 cts.....	10		
4039 Collection of a packet each of the six colors.....	60		

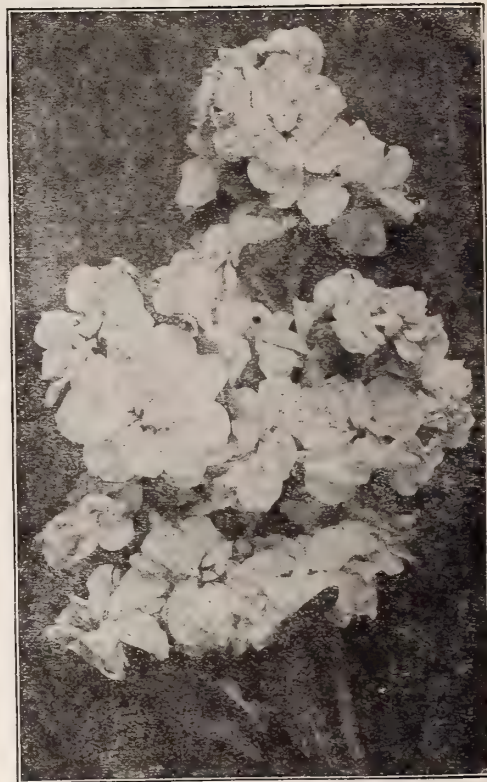
MAMMOTH-FLOWERING BEAUTY STOCKS.

A magnificent recently developed strain of early flowering Winter or Brompton Stocks, forming much-branched plants about 2 feet high and having numerous spikes of very large, double, delightfully fragrant flowers; they are of special value as pot plants for greenhouse decoration and for cutting during the dull winter months, for this purpose seed should be sown from July to September; if sown in February or March will produce plants that will bloom out of doors from midsummer till frost.

	PER PKT.
4043 Beauty of Nice. Delicate flesh-pink.....	15
4044 Crimson King. Rich blood crimson.....	15
4045 Mont Blanc. Purest White.....	15
4046 Monte Carlo. Canary yellow.....	15
4041 Queen Alexandra. Soft rosy-lilac.....	15
4047 Summer Night. Rich deep blue.....	15
4049 Collection of the 6 colors.....	60
4050 Choicest Mixed. All colors.....	10



STOKESIA (CORNFLOWER ASTER)



STOCKS CUT-AND-COME-AGAIN

SMILAX (Myrsiphyllum Asparagoides).

PER PKT.

- 3981 In many respects the Smilax is the most useful, and it is certainly one of the most graceful climbers which adorns the greenhouse or conservatory; for bouquets and floral decorations it is indispensable. $\frac{1}{4}$ oz., 25 cts. 10

SOLANUM.

- 3991 **Capsicastrum (Jerusalem Cherry).** This is a very useful pot plant for winter decoration. It is of dwarf, branching habit, leaves small and oval-shaped, bearing in the greatest profusion bright scarlet globular berries. Very ornamental; 1 foot..... 10

- 3992 — **Fra Diavolo.** A new variety of the above, of close, compact growth, with foliage somewhat smaller and lighter green. The small, bright scarlet fruits remain on the plant a long time and make it a beautiful decorative pot plant through the winter months..... 15

STATICE (Sea Lavender).

Splendid hardy perennials, either for the border or rockery, producing all summer panicles of minute flowers, which can be dried and used for winter bouquets.

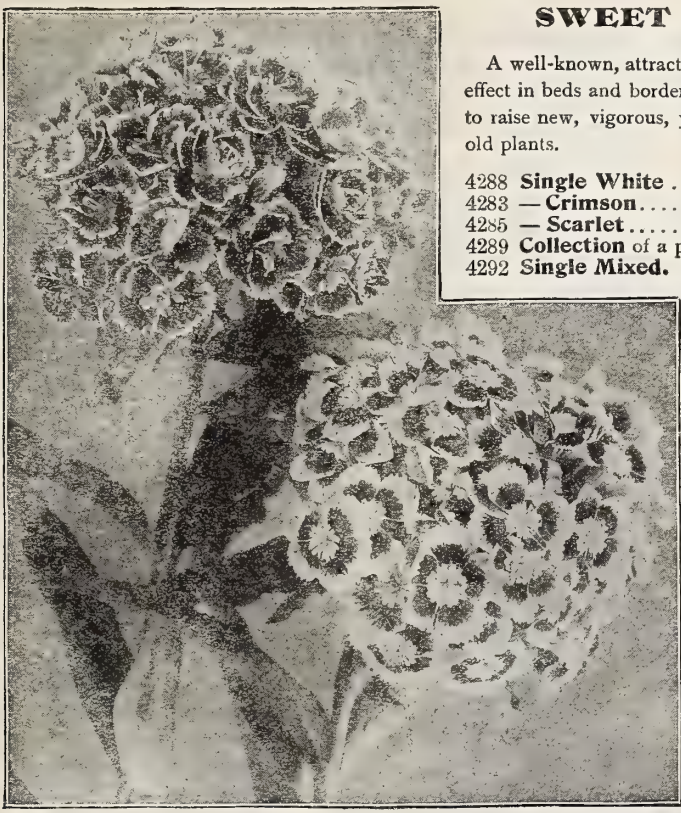
- 3997 **Latifolia.** Purplish-blue flowers..... 10
4000 **Mixed.** Containing many sorts..... 10

STEVIA.

- 4001 **Serrata.** Free-blooming plants, bearing a multitude of fragrant pure white flowers; suitable for summer or winter blooming; largely used for cutting..... 10

STOKESIA (Cornflower Aster).

- 4051 **Cyanea.** This is not new, but is a rare and beautiful hardy perennial, and was shown in colors on the cover of our 1903 catalogue. The plant grows about 24 inches high, each bearing from 20 to 30 handsome lavender-blue cornflower-like blossoms; in bloom from July till frost. One of the choicest subjects for the hardy border and indispensable for cutting. (See cut.) $\frac{1}{8}$ oz., 30 cts..... 10
4052 **Cyanea alba.** A pure white-flowering form, identical to the popular blue variety in every way except color. $\frac{1}{4}$ oz., 40 cts..... 10
4060 **Cyanea Mixed.** Containing many new colors..... 15



DOUBLE AND SINGLE SWEET WILLIAM

SWEET WILLIAM (*Dianthus Barbatus*).
 (London Tufts.)

A well-known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. It is much better to raise new, vigorous, young plants from seed every season than to divide the old plants.

	PER PKT.		PER PKT.
4288 Single White	5	4286 Single Velvety Maroon. .	5
4283 — Crimson	5	4284 — Red, on white ground. . .	5
4285 — Scarlet	5	4287 — Violet, on white ground. .	5
4289 Collection of a packet each of the above six colors.	25		
4292 Single Mixed. All colors. Per oz., 40 cts.	5		

4282 **Newport Pink.** A distinct new color which originated in one of the far-famed gardens at Newport, R. I. In color it is what florists call watermelon-pink or salmony-rose. Strikingly brilliant and beautiful; the flowers are borne in massive heads on stems 18 inches high. For mid-season mass bedding it has no equal. It is also very effective for cutting. 2 pkts., 25 cts. . 15

4281 **Scarlet Beauty.** A very effective rich, deep scarlet variety. 2 pkts., 25 cts. 15

4291 **Holborn Glory.** This strain is a large-flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams. The individual flowers and trusses are of extraordinary size, while the range of color, all showing a clear, white eye, is truly superb. ½ oz., 25 cts. 10

4297 **Double Mixed.** All colors. ½ oz., 30 cts. 10

4296 **Giant Double.** A decided improvement. The plants are of robust, bushy habit, producing numerous stems, surmounted by immense umbels of full, double flowers, many of the individual flowers measuring over one inch in diameter. The colors are extremely varied. ½ oz., 50 cts. 15

2343 **Latifolius Double Mixed** (*Hybrid Sweet William*). A variety which blooms the first year from seed, contains all the colors usual to Sweet Williams. ½ oz., 30 cts. 10

**SWEET
ROCKET.**

(Hesperis.)

4278 Old-fashioned garden plant; also known as Dame's Rocket and Dame's Violet; grows from 2 to 3 feet high, and bears spikes of showy white, lilac and purple fragrant flowers. Excellent for naturalizing among shrubbery or for planting in a permanent border; mixed colors. (See cut.) Oz., 30 cts. 5



THUNBERGIA

TAGETES.

4301 **Signata Pumila.** A dwarf, compact, bushy annual Marigold, with beautiful, delicate, fern-like leaves, densely covered with flowers of bright golden yellow; a first-class border plant; illustrated on page 116. ¼ oz., 30 cts. 5

THUNBERGIA.

(Black-eyed Susan.)

4310 Beautiful, rapid-growing annual climbers, preferring a warm, sunny situation; used extensively in hanging-baskets, vases, low fences, etc., very pretty flowers in buff, white, orange, etc., with dark eyes; mixed colors; 4 feet. (See cut.) ¼ oz., 25 cts. 5

TORENIA.

4322 **Fournieri.** A very fine annual; a splendid plant for vases, hanging-baskets, borders, etc.; covered the entire season with a mass of bloom. Sky-blue, with three spots of dark blue, bright yellow centre. 15



SWEET ROCKET



DREER'S MAMMOTH VERBENAS

TRITOMA.

(Red-hot Poker, Flame Flower, or Torch Lily.)

PER PKT.

- 4330 **Hybrida.** The introduction of new, continuous flowering Tritomas has given them a prominent place among hardy bedding plants. It is not generally known that they are readily grown from seed, many flowering the first year if sown early. The seed we offer has been saved from our own collection, which is undoubtedly the finest in this country. Of course, for immediate results it will be better to get plants, but raising them from seed is highly interesting. 2 pkts., 25 cts. 15

TUNICA.

- 4335 **Saxifraga.** A neat, tufted hardy perennial plant, growing but a few inches high and bearing throughout the entire season numerous elegant pink flowers. Will thrive anywhere, but is especially adapted for the rockery or the margin of the hardy border; blooms the first season.... 10

VALERIANA (Valerian).

- 4340 **Rubra, Mixed.** Showy, hardy border plants, producing large corymbs of red or white flowers; fine for bouquets; mixed; 2 feet. $\frac{1}{4}$ oz., 25 cts. 5

VINCA (Madagascar Periwinkle, or Old Maid).

Ornamental free-blooming plants and one of the most satisfactory flowering bedding plants we have. It is best to start the seed early indoors or in a hot-bed, but they begin blooming in August from seed sown out of doors in May, or as soon as the ground is warm, continuing until frost; or they may be potted and kept in bloom through the winter; a fine cut flower, every bud opening when placed in water. 2 feet. (See cut.)

- 4381 **Rosea.** Rose, dark eye..... 10
 4382 — **Alba.** White, crimson eye..... 10
 4383 — **Alba Pura.** Pure white..... 10
 4390 — **Mixed.** All the colors. $\frac{1}{4}$ oz., 30 cts. 5

DREER'S MAMMOTH VERBENAS.

We have been carefully selecting and improving this fine strain of Verbenas for years, and can recommend it as the very best procurable. The trusses and individual flowers are of the largest size, of brilliant colors, free-blooming and of vigorous habit. For best and quickest results seed should be sown early in the house or hot-bed, and transplanted to flowering quarters in May. If sown outdoors in May, it blooms from the end of July on. Verbenas are better grown from seed than from cuttings, being more vigorous and not liable to disease.

(See cut.)

PER PKT.

PER PKT.

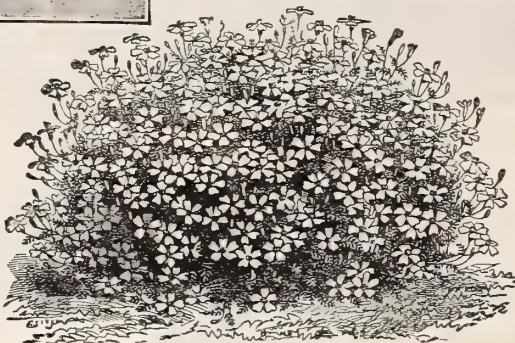
- | | |
|---|------------------------------|
| 4351 Pink 10 | 4354 Striped 10 |
| 4352 Purple 10 | 4355 White 10 |
| 4353 Scarlet 10 | 4356 Blue 10 |
| 4360 Dreer's Mammoth Mixed. $\frac{1}{4}$ oz., 50 cts. 10 | |
| 4359 Collection of Mammoth Verbenas, 6 colors 50 | |
| 4361 Hybrida, Fine Mixed. All colors of the older sorts. $\frac{1}{4}$ oz., 25 cts. 5 | |

VARIOUS VERBENAS.

- 4366 **Lemon Verbena (*Aloysia Citriodora*).** Every garden should have a few plants of this fragrant favorite. Its pale green delightfully scented foliage goes well with any flower.. 10
- 4365 **Erinoides (*Moss Verbena*).** This lovely variety produces a mass of moss-like foliage, spreading over the ground like a carpet, above which are borne heads of purplish-blue and white blossoms in lavish profusion; comes into flower in June and continues until frost.

For beds, baskets or rockeries it is highly desirable 10

- 4367 **Venosa (*Hardy Garden Verbena*).** This variety is largely used for bedding purposes. It is a strong, thrifty grower, about 1 foot high, and covered from early summer until late fall with its bright purplish-heliotrope flowers. $\frac{1}{4}$ oz., 30 cts. 5



TAGETES (Offered on page 115)



VINCAS

VISCARIA.

Very free-blooming annuals, closely allied to the Lychnis, they form compact plants about a foot high, and are covered from early summer till fall with their bright flowers, shaped somewhat like a single Pink, borne on long, slender stems; it is best to sow them where they are to bloom, thinning out to prevent overcrowding.

PER PKT.

- 4412 **Cardinalis.** Brilliant cardinal-crimson; very bright and effective, . . . 10
 4413 **Mixed.** Containing about six different colors, some with dark eyes.. 5

WALLFLOWER.

Well-known deliciously fragrant half hardy perennials, blooming early in the spring, with spikes of beautiful flowers. They should be protected in a cold frame in the winter and planted out in April.

- 4415 **Paris Extra Early.** A beautiful single variety, which may be treated as an annual, flowering through the summer from seed sown in spring.
 $\frac{1}{4}$ oz., 25 cts. 10

- 4414 **Goliath.** A splendid single variety; flowers of a rich, shining red, with a black velvety sheen. 10

- 4420 **Single Mixed.** All colors. $\frac{1}{4}$ oz.; 15 cts. 5

- 4430 **Double Finest Mixed.** 10

- 4429 **Collection of Double Wallflower;** 6 colors. 50

- 4419 **Collection of Single Wallflower;** 6 colors. 40

WATER LILY SEEDS.

We annually save a quantity of these at our aquatic gardens, Riverton, N. J., and offer a selection of the same on page 100.



ZINNIA HAAGEANA
 "PERFECTION"



SINGLE WALLFLOWER



VISCARIA

WILD GARDEN FLOWER SEEDS.

Under this heading we offer a mixture of the easiest and surest growing kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting.

PER PKT.

- 4550 **Dwarf Sorts.** Growing from 12 to 18 inches high. 25 cts.
 per oz.; 75 cts. per $\frac{1}{4}$ lb. 10
 4560 **Tall Sorts.** Growing from 18 to 36 inches high. 25 cts. per oz.; 75 cts. $\frac{1}{4}$ lb. 10

XERANTHEMUM.

(Everlasting or Immortelle.)

- 4433 **Annum.** One of the prettiest and most satisfactory of the Ever-

lastings, bearing an abundance of bright rose, purple and white flowers, which are not only showy in the garden, but very useful as dried flowers in winter bouquets. Grows about 3 feet high and can be sown in the open ground early in May, growing readily in any open, sunny position, remaining in bloom from early summer till frost. Mixed colors. 10

DREER'S SUPERB ZINNIAS.

The most important varieties of this indispensable long-flowering annual is offered on page 118, but the sorts offered below should not be overlooked, all being worth while growing.

- 4481 **Haageana Perfection.** A very dwarf variety, bearing small double flowers of unusual colorings; makes a beautiful border. 2 pkts., 25 cts. 15
 4485 **Red Riding-Hood.** This little gem grows but a foot high; of compact form and covered the entire season with little button-like, intense scarlet, very double flowers not over an inch across; as a border it is highly effective. $\frac{1}{4}$ oz., 25 cts. 10
 4490 **Single Mixed.** For bedding these are very effective, and are by many considered more artistic than the double-flowering sorts. $\frac{1}{4}$ oz., 25 cts. 5
 4500 **Tall Double.** The old-fashioned tall-growing variety; 3 feet; mixed colors. Per oz., 30 cts. 5
 4510 **Zebra.** A very pretty strain with striped flowers. As the colors vary on each plant, they present a curious as well as a beautiful appearance. $\frac{1}{4}$ oz., 25 cts. 10



DREER'S IMPROVED LARGE-FLOWERING DWARF ZINNIAS

DREER'S CHOICE ZINNIAS (YOUTH AND OLD AGE)

The Zinnia is one of the most brilliant, showy and satisfactory of annuals, and has long been a general favorite. The seed can be sown early in the hotbed or light window and transplanted, or sown later in the open ground. They come into flower early in the summer and keep on blooming until hard frost. The varieties offered below are the most important kinds, but the sorts offered on page 117 should not be overlooked.

DREER'S IMPROVED LARGE-FLOWERING DWARF.

This we consider the best Zinnia for general use, forming bushy, compact plants not over 2 feet high, and bearing large perfect double flowers.

	PER 1/4 OZ.	PER PKT.
4442 Flesh-pink. Delicate shade.....	25	5
4445 Dark Scarlet. Very rich.....	25	5
4441 Canary. Clear yellow.....	25	5
4444 Orange. Rich golden orange.....	25	5
4447 Bright Scarlet. Bright and fiery.....	25	5
4457 White. Pure white.....	25	5
4446 Salmon Rose. A great favorite.....	30	10
4459 Collection of a packet each of the above 7 sorts, 30 cts.		
4460 Finest Mixed. All colors of the Improved Large-flowering dwarf. Per 1/4 oz., 20 cts.; oz., 50 cts.....		5

4440 Curled and Crested. The petals of this beautiful strain are twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the brilliant shades characteristic of the Zinnia. (See cut.) 1/4 oz., 25 cts. 10

Double Fringed. A new type, which has much to recommend it. The petals of the perfectly formed double flowers are more or less deeply cut or fringed, giving them a rather more graceful appearance than the usual form. The plants are of compact habit, about 30 inches high, and have all the free-flowering merits of the family. We offer three distinct colors, viz.:

4465 Fringed White.	10	} A packet each of the three colors, 25 cts.
4463 — Deep Carmine.	10	
4464 — Bright Rose.	10	
4470 — Mixed. All colors.	1/4 oz., 25 cts.....	10

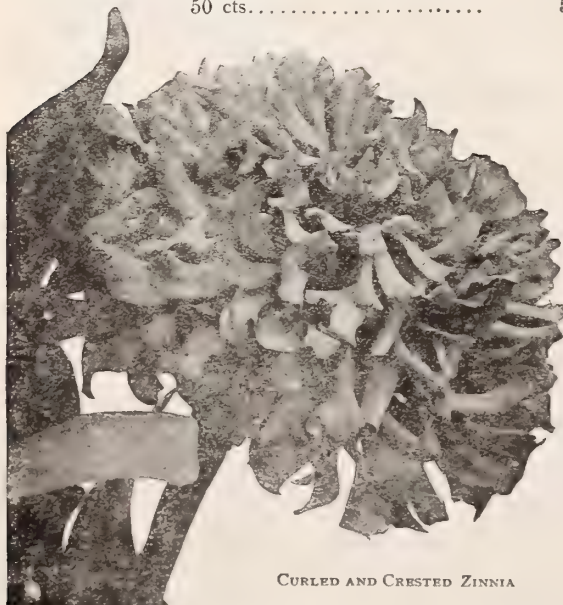
DREER'S SPECIAL STRAIN OF

GIANT DOUBLE SORTS.

A special strain of this grand old favorite free and continuous flowering annual, which produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. Plants are of extremely robust habit, attaining a height of about 3 feet, and bearing on long, strong stems numerous semi-globular, mostly very double flowers, all of the largest size, making them of great value in large beds, borders, etc.; grown under favorable conditions they remain in bloom from early summer to late autumn.

We offer six of the most wanted colors, separately, as well as a splendid mixture of many colors, as under:

4511 Giant Golden-yellow.	15
4512 Giant Scarlet.	15
4513 Giant White.	15
4514 Giant Flesh-color.	15
4515 Giant Sulphur-yellow.	15
4516 Giant Crimson.	15
4519 Collection of a packet each of the above 6 colors.....	75
4520 Giant Mixed. All colors. Per 1/4 oz., 40 cts.....	15



CURLED AND CRESTED ZINNIA

PLANT DEPARTMENT



ENTRANCE TO OUR RIVERVIEW NURSERY, RIVERTON, N. J.

It is generally conceded that we have the most modern and best equipped general Plant Nurseries in the world today. For complete Index of varieties offered, see pages 2 and 3.

PLEASE READ THIS BEFORE ORDERING PLANTS

TIME OF SHIPMENT.—All plants, whether the stock is seasonable or not, are forwarded as soon after receipt of the order as possible. Many of our customers who have facilities for their care, purposely order plants out of season so as to have them on hand when planting conditions are favorable. As we do not know whether you have such facilities, you must specify on the order when you want shipment made, if you do not wish them at once.

RESERVATION OF PLANTS FOR PLANTING TIME.—While we try as far as possible to reserve plants on orders placed in advance, to be sent at planting time, it must be borne in mind that plants are highly perishable, and cannot be packed and stored for future shipment like most other kinds of merchandise. Weather conditions frequently interfere with making such reservations at the time the order is received, and when Spring opens there is usually such a congestion of orders for immediate shipment that it is impossible to make reservations. This is particularly the case during the present period of scarcity of not only skilled, but also common labor. Customers may rely on us doing our utmost in making reservations, but if we fail we assume no responsibility, and all advance orders are accepted on these conditions only.

SAFE ARRIVAL GUARANTEED.—We guarantee the safe arrival of all goods sent by express or mail to points within the U. S. proper. If a package sent by express or mail is injured or lost we will replace it as soon as informed of the fact. Goods sent in any other way are solely at purchaser's risk. Claims for damages must be made on receipt of goods. We do not hold ourselves responsible for failure after delivery of the goods in good condition.

PLANTING TABLE.—The table below shows the number of plants required to fill a circular bed of the dimensions given. In planting begin outside row—where 6 inches apart, 3 inches from edge of bed; where 12 inches apart, 6 inches from edge of bed. It is customary among professionals in planting a bed to set the plants somewhat closer together in the two outer rows, giving more space between each plant toward the centre of the bed.

Diameter of bed.	6 in. apart.	12 in. apart.	18 in. apart.	24 in. apart.	30 in. apart.	Diameter of bed.	6 in. apart.	12 in. apart.	18 in. apart.	24 in. apart.	30 in. apart.
3 feet	28	7				12 feet	452	113	50	28	18
4 "	48	12	6			13 "	528	132	59	33	22
5 "	80	20	8			14 "	612	153	68	39	25
6 "	112	28	13	7		15 "	704	176	78	44	28
7 "	152	38	17	9		16 "	804	201	89	50	32
8 "	200	50	23	12		17 "	904	226	100	57	36
9 "	256	64	28	16		18 "	1016	254	113	63	40
10 "	320	80	36	20	13	19 "	1132	283	126	71	46
11 "	380	95	42	24	16	20 "	1256	314	139	78	50

HOW WE SHIP.—All Plants, Roots and Bulbs are forwarded by express, purchaser paying charges, which are now very reasonable. For those of our customers who live at a distance from an express office, making it more convenient for them to receive their goods by parcel post, we will be pleased to forward in this manner such plants, etc., as can be sent in this way at the following additional cost to cover postage, which must be added to the value of each order for Plants, Roots or Bulbs.

To all points East of the Mississippi River, 10 per cent. extra.
 " " West " " " 20 " "

Heavy Plants, such as Azaleas, Camellias, Shrubs, Tree Roses, as well as the larger sizes of Palms, and other ornamental foliage and flowering plants, cannot be sent by mail.

We strongly recommend our customers to have all their orders forwarded by express, as our experience shows that this method is not only quicker and safer, but also cheaper than parcel post, except on small packages.

SHIPMENTS BY STEAMBOAT.—Fast line of steamboats connect Philadelphia with Baltimore, Boston, Norfolk, Savannah, Troy, Albany and New Orleans. This forms a convenient, cheap and safe method of transportation, except during severe cold weather.

PLANTS BY RAILROAD FREIGHT.—Shrubs, Hedge Plants and other dormant stock can be forwarded safely by fast freight lines even to distant points at low rates.

PACKING FREE.—We make no charge for boxes, packing or delivery to any Express, Freight or Steamboat Line in Philadelphia.

A square bed will take about the same number of plants. For an oval bed, add length and breadth and divide by 2. For example, an oval 7 feet long by 5 feet wide will require same number of plants as a circular bed 6 feet in diameter. (119)

Garden and Greenhouse PLANTS AND BULBS

Please read what we say regarding filling and forwarding of Plant Orders on page 119



AGERATUM

ACHYRANTHES.

- Acuminata.** Bronzy-purple foliage.
Emersoni. Narrow, deep red foliage.
Victor Brossilon. Foliage rich crimson,
 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

ESCHYNANTHUS.

- Grandiflorus.** A pretty trailing or basket plant for the window or conservatory, bearing attractive orange-scarlet flowers, 25 cts. each.



AGAPANTHUS UMBELLATUS

ABUTILONS.

(Flowering Maple.)

Desirable free-flowering plants for the window garden or for bedding in summer.
Boule de Neige. A free-flowering pure white.

Golden Fleece. A splendid large pure yellow.

Savitzi. Foliage green and white; extensively used for bedding.

Splendens. Bright red, veined with crimson.

15 cts. each; \$1.50 per doz.
 One each of the 4 sorts, for 50 cts

ACALYPHA.

Macafeana. A splendidly variegated bedding plant, with crimson and bronze mottled foliage. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



ABUTILON

AGAPANTHUS.

Umbellatus (*Blue Lily of the Nile*.) A splendid ornamental plant, bearing clusters of bright, blue flowers on 3-foot long flower stalks and lasting a long time in bloom. A most desirable plant for outdoor decoration, planted in large pots or tubs on the lawn or piazza.

— **Albus.** A white flowering variety.

30 cts. each; \$3.00 per doz.

AGERATUM (Floss Flower).

One of the best of bedding plants; always in bloom.

Inimitable. Bright lavender-blue; very large.

Mont Blanc. Large-flowered white.

Princess Pauline. Blue, white centre.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

AGLAONEMA.

Costatum. A dwarf-growing Aroid, suitable for the conservatory or window garden. Very compact, heart-shaped leaves of dark, shining green, with white midrib and scattering blotches of white. 50 cts. each; \$5.00 per doz.

ALLAMANDA.

Hendersoni. A strong-growing variety, well suited for growing on the pillars or supports of a conservatory, or for training on a trellis; large golden-yellow flowers. 35 cts. each; \$3.50 per doz.

Williamsi. This handsome variety is entirely distinct from all others, being quite dwarf and forming a compact bush with trusses of bloom at every point. The flowers are 3 inches in diameter, of a very rich, yet delicate, tint of yellow, deliciously scented; a fine plant for the window garden or conservatory. 35 cts. each; \$3.50 per doz.

ALOYSIA (Lemon Verbena).

Citriodora. Well-known, popular, fragrant favorite. 15 cts. each; \$1.50 per doz.

ALPINIA.

Sanderæ. A handsome species from New Guinea of this useful class of stove plants, with erect stems and short-stalked, glabrous leaves, of a rich shining green, regularly striped at close intervals with broad white bands diverging from the midrib to the margin. 75 cts. each.

ALTERNANTHERA.

Bright foliage plants of dwarf habit, much used for carpet bedding.

Aurea Nana. Bright yellow foliage.

Brilliantissima. Dwarf growing, bright red foliage.

Jewel. A new large-leaved bright crimson.

Rosea Nana. Dwarf; rosy-crimson foliage.

Versicolor. Olive, crimson and chocolate.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

ALYSSUM (Sweet Alyssum).

Little Gem (Carpet of Snow). The dwarf white variety so much used for edging. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

AMARYLLIS (Hippeastrum).

The Amaryllis is pre-eminently a window-garden plant for the amateur, producing under the simplest conditions one, two, or even three spikes, two feet or more high, which are crowned with from three to six large and gorgeous trumpet-shaped blooms, which last long in good condition. For full cultural directions see our new book, "Dreer's Hints on the Growing of Bulbs." Price 25 cts. Copies free to customers who ask for it when ordering.

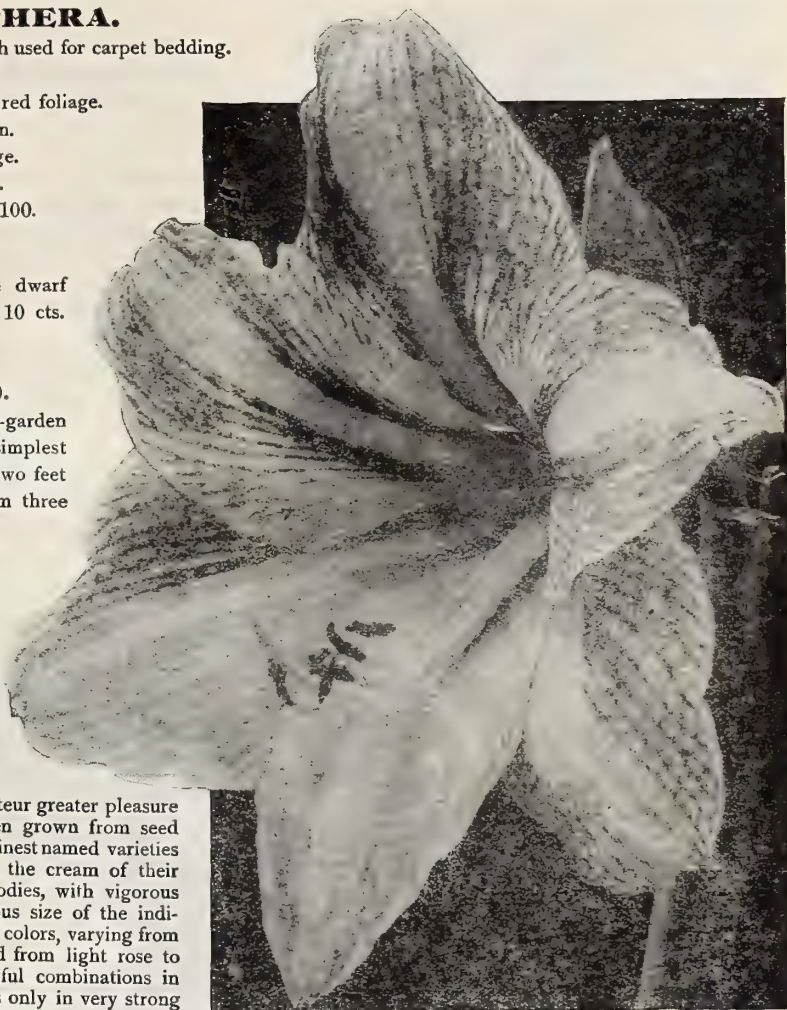
Dreer's American Hybrids. In offering this selection of seedlings we believe that they are the best obtainable at the present time, and we know of nothing that we can recommend that will give the amateur greater pleasure for his window garden. They have been grown from seed which has been produced by crossing the finest named varieties obtained from the most noted specialists, the cream of their collections, and the resulting strain embodies, with vigorous growth, free-flowering habit and enormous size of the individual flowers, a really wonderful range of colors, varying from deep crimson to bright orange scarlet, and from light rose to almost pure white, many of them beautiful combinations in stripes and variegations. Mixed varieties only in very strong bulbs, 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

Empress of India. Very large flowers of vivid scarlet with white stripes, 75 cts. each.

Formosissima (Jacobean Lily). Brilliant crimson, free and early. 15 cts. each; \$1.50 per doz.

Johnsoni. Very large flowers of a rich crimson-scarlet color, striped with white. 35 cts. each; \$3.50 per doz.

One each of the above 6, a splendid collection, for \$3.00.



DREER'S AMERICAN HYBRID AMARYLLIS

Solandriflora Conspicua. Striped white, green and rose, 75 cts. each.

Vittata Hybrids. Beautiful striped, flaked and feathered varieties; grown for us by specialists. 50 cts. each.

AMORPHOPHALLUS.

(Devil's Tongue, or Snake Palm.)

Rivieri. Particularly handsome plant for growing either in clumps or as a solitary specimen. Should be planted in May in warm, sunny situation in extra rich soil; the flowers appear before the leaves and rise to a height of 2 feet and resemble a gigantic black Calla. This is soon followed by the massive tropical looking leaves, supported by thick, beautifully marbled stems. Large bulbs, 30 cts. each; \$3.00 per doz.

ANANAS (Pineapple).

Sativus Variegatus (Variegated Pineapple.) This is one of the most beautiful variegated foliage plants in cultivation, not only for the greenhouse or conservatory, but also under favorable conditions as a plant for room decoration, somewhat resembles the Pandanus in style of growth; the leaves are from 2 to 3 feet long, with a central band of bright green broadly margined with rich creamy yellow, tinged with red toward the closely serrated edges. 4-inch pots, \$1.00 each; 5-inch pots, \$1.50 each.



ANANAS (Variegated Pineapple.)

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.



ANTHURIUM

ANTHERICUM.

Comosum (*Mandaianum*). A pretty variegated plant well adapted for use in hanging baskets, or as an edging for porch or window boxes, with graceful, 4 to 6 inch long, deep green foliage with a band of creamy yellow through the centre. 25 cts. each; \$2.50 per doz.

ANTHURIUM.

(*Flamingo Flower*.)

Pretty greenhouse plants that have many good qualities, not only as decorative plants, but as cut flowers. Their peculiar-shaped flowers of rich colorings frequently last on the plant from two to three months.

Andreanum Hybrids. A fine collection of seedlings, from which we can select the following colors, all in large size flowers—red, rose and crimson. \$1.00 and \$1.50 each.

Scherzerianum. Brilliant scarlet flowers. 50 cts. and \$1.00 each.

— **Atrosanguineum.** Rich crimson. \$1.00 each.

— **Rothschildianum.** White spotted with crimson. \$1.00 each.

Crystallinum. Grown for its beautiful foliage, which is rich olive-green with silvery veins. \$1.00 each.

Magnificum. Large oval, deep cordate, olive-green foliage, with white nerves on four-angled stems; \$1.00 each.

Regale. Large foliage, which when first opening is tinted with rose, changing to a dark metallic-green. \$1.00 each.

ANTIRRHINUM (*Snapdragon*).

Dreer's Large-flowering Half-dwarf. Popular plants for bedding and for cutting. We offer the six distinct colors offered and described on page 65. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

ARALIA.

Handsome decorative foliage plants for the warm conservatory and for exhibition purposes.

Chabrieri. Long, narrow, deep-green foliage, with crimson-bronze midrib. \$1.00 each.

Elegantissima. Finely divided metallic-green foliage. \$1.00 each.

Veitchi Gracillima. A handsome species, with narrow leaflets, having undulated edges of a dark green above and red underneath; a fine table plant. \$1.00 each.

ARDISIA CRENULATA.

A very ornamental greenhouse plant, with dark evergreen foliage producing clusters of brilliant red berries; a first-class house plant in winter. Thrifty young plants, 50 cts. each.

ASCLEPIAS.

Lanceolata. A very dainty white flowered form of Milkweed, growing about 18 inches high with light graceful foliage, in bloom from early in July until the end of the season; a most desirable plant for the mixed border, or if treated as a pot plant it will also flower a good part of the winter in a sunny window-garden. 15 cts. each; \$1.50 per doz.

ASPARAGUS.

Plumosus Nanus (*Asparagus Fern*). If there is a better plant for table decoration than this we do not know it. The foliage is more delicate than that of the finest Fern, being lace-like in its fineness. A plant with half a dozen stalks is a mass of dainty, misty green, among which the stems of a few flowers can be thrust in such a manner as to make the combination far superior artistically, to most expensive decorations prepared for the table by the profes-

sional florist. 15 cts. and 25 cts.

each; \$1.50 and \$2.50 per doz.

Sprengeri (*Emerald Feather*).

Excellent for hanging-baskets, for bracket use and for cutting.

It is one of the best of all plants for the window-box when planted on the outside, where it can droop over the edge of the box. 15 cts.

and 25 cts. each; \$1.50 and \$2.50 per doz.



ASPARAGUS PLUMOSUS NANUS

ROSES

Are one of our leading specialties. See pages 170 to 194.



ARALIA ELEGANTISSIMA

ASPIDISTRA.

The Aspidistra is the easiest of all decorative plants to grow well. Give it a loamy soil and plenty of water, and it will ask for nothing more.

A useful plant for the veranda in summer and for hardiness has no equal as a house plant at any season, it will succeed even in a comparatively dark hall where few other plants would live.

Lurida. Green-leaved, 50 cts., 75 cts. and \$1.00 each.

Lurida Variegata. A pretty variegated form, the foliage being striped with white. 75 cts. and \$1.00 each.

DREER'S SUPERB LATE BRANCHING ASTERS.

This is the finest type of China Aster for the amateur, being of strong, robust habit, growing 2½ feet high and bearing their large Chrysanthemum-like flowers from August to October. We can supply nice plants in May and June of the eight distinct colors offered on page 68. 60 cts. per doz.; \$4.00 per 100.

AUCUBA.

Japonica. This is a plant deserving a great deal more attention than it receives. Its foliage is of the richest, glossiest green, thickly spotted with yellow. A useful plant for the hall or enclosed porch in winter, while in summer it makes a most charming decoration for the veranda. Strong, bushy plants, 12 inches high, 50 cts. each; specimen plants, 1½ feet high, 75 cts. each; 2 feet high, \$1.50 each; 3 feet high, \$4.00 each.



BOUGAINVILLEA

CHINESE AZALEAS

These beautiful plants are deservedly popular for window and conservatory decorations. We offer all the desirable varieties and colors.

First size, 15 to 18 inches in diameter, \$2.00 each; \$20.00 per doz.

Second size, 12 to 15 inches in diameter \$1.50 each; \$15.00 per doz.

Third size, 10 to 12 inches in diameter, 75 cts. each; \$7.50 per doz.



ASPIDISTRA LURIDA VARIEGATA



PYRAMIDAL BAY TREE

BAY TREES (Laurus nobilis).
Pyramid-shaped.

HEIGHT.	DIAMETER AT BASE.	EACH.	HEIGHT.	DIAMETER AT BASE.	EACH.
3½ to 4½ feet	18 inches	\$5 00	6 to 6½ feet	24 to 26 inches	\$15 00
5 " 5½ "	18 to 20 "	7 50	7½ " 8 "	28 to 32 "	20 00
5½ " 6 "	22 to 24 "	10 00			

Standard, or Tree-shaped.

HEIGHT OF STEM.	DIAMETER OF CROWN.	EACH.	HEIGHT OF STEM.	DIAMETER OF CROWN.	EACH.
18 inches	16 inches	\$5 00	44 to 52 inches	30 inches,	\$12 50
38 to 44 inches	20 to 22 inches	7 50	46 " 52 "	32 "	15 00
26 " 32 "	24 to 30 "	10 00	40 " 48 "	32 to 36 "	20 00
40 " 46 "	24 to 26 "	10 00			

BOUARDIA.

Humboldt Corymbiflora. A splendid late fall and early winter-flowering plant, producing clusters of Jasmine-like white flowers; a most valuable plant for the conservatory and window garden. Young plants, ready in April, 15 cts. each; \$1.50 per doz.

BOUGAINVILLEA.

Sanderiana. This beautiful free-flowering variety is very popular, especially as a plant for Easter. Its brilliant rosy-crimson blossoms are produced from early in March until midsummer; in fact, a plant will frequently flower the greater part of the year. 25 cts. and 50 cts. each.

DREER'S SUPERB TUBEROUS-ROOTED BEGONIAS

This charming class of Begonias is perhaps the handsomest of all summer-flowering tuberous-rooted plants and deserves even greater popularity. Improvements made in recent years in size, texture and coloring are really phenomenal, with flowers measuring from 4 to 6 inches across, and colors ranging from the purest white and the most delicate tints of pink, yellow and orange to the most intense scarlet and richest crimson, while the double-flowering sorts are perfect rosettes, full and double to the centre. Their culture is of the simplest, and with the least regard for their requirements will repay with an abundance and brilliancy of bloom not equalled by any other class of plants. Their culture is fully described in our new book "Dreer's Hints on the Growing of Bulbs," price 25 cts. Copies free to customers who ask for it when ordering.

SINGLE TUBEROUS BEGONIAS.

We can supply these in the following colors, or in mixture, as under:

Scarlet, White, Pink, Crimson, Yellow and Orange.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Mixed. All colors. 8 cts. each; 75 cts. per doz.; \$5.00 per 100.

FRILLED TUBEROUS BEGONIAS.

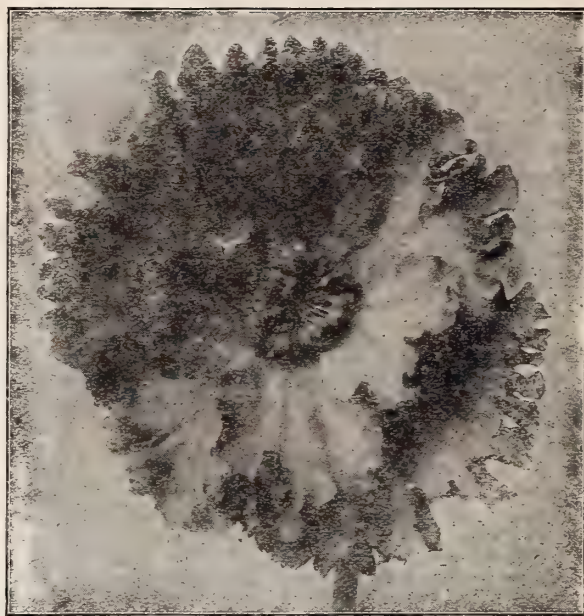
This strain by careful selection has been wonderfully improved until it is now unquestionably the finest of the tuberous-rooted section. The flowers are of large size, from 4 to 6 inches in diameter, with beautifully frilled and wavy petals, not unlike the finest single Petunias. We can supply in Red, White, Pink and Yellow. 20 cts. each; \$2.00 per doz.

DOUBLE-FLOWERING TUBEROUS BEGONIAS.

We can supply these in the following separate colors, also in mixture, as under:

Scarlet, Crimson, Pink, White and Yellow, 20 cts. each; \$2.00 per doz.

Mixed. All colors. 15 cts. each; \$1.50 per doz.



FRILLED TUBEROUS BEGONIA

TWO BRILLIANT TUBEROUS BEGONIAS.

The two varieties offered below are of strong but dwarf habit, throwing up numberless stems of full, double flowers about 1½ inches across, from early in July until cut down by severe frost. A continuous display of color, which for richness and intensity is unapproached.

Zeppelin. Intense pure vermilion-scarlet.

Lafayette. Brilliant crimson-scarlet.

20 cts. each; \$2.00 per doz.; \$15.00 per 100.

NEW DOUBLE-FRINGED TUBEROUS BEGONIAS.

(*Begonia Hybrida Parrei.*)

These new double-fringed tuberous-rooted Begonias are of large size, full, double form and brilliant colors, the edges of the petals deeply cut or fringed, adding a most desirable character of lightness to the flowers. They are just as easy to grow as the ordinary tuberous-rooted sorts. We offer three distinct colors:

White, Rose and Scarlet. 30 cts. each; \$3.00 per doz. One of each color for 75 cts.

FIBROUS-ROOTED BEGONIAS.

This class is entirely distinct from the tuberous-rooted sorts and are among the freest-flowering ornamental leaved pot plants for house or conservatory decoration, flowering continuously, summer and winter.

Alba Picta. Leaves glossy green, freely spotted with silvery-white; flowers white.

Argentea Guttata. Foliage of rich green, spotted with silver.

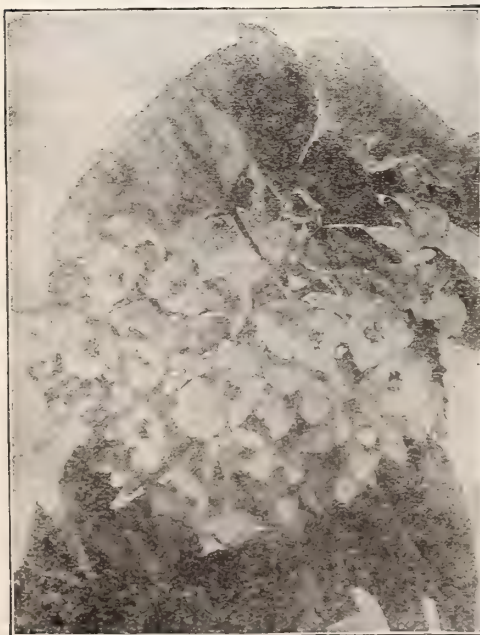
Corallina Lucerna. Gigantic trusses of bronzy-red flowers in bloom continuously from April to November.

Haageana. As a permanent plant for the window garden or the conservatory; this is one of the most desirable and an easy variety to manage; the same plants can be carried from year to year, finally developing into grand specimens, which during the winter months are loaded with large trusses of creamy-white flowers, suffused with pink, the foliage being bold and attractive, of a bronzy-green above and reddish on the underside. 25 cts. each; \$2.50 per doz.

Metallica. Lustrous bronze-green foliage; veins depressed and dark red; rosy-white flowers.

Rubra (Coral Begonia). Flowers scarlet-rose; glossy and wax-like.

Price, except where noted, 15 cts. each; \$1.50 per doz. Set of 6 sorts for 80 cts.



BEGONIA CORALLINA LUCERNA

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**NEW AND RARE
FANCY-LEAVED CALADIUMS.**

Price. Any of the above, 50 cts. each; the set of 12 for \$5.00.

Luddemanni. Red centre, spotted white, green border.



NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

LARGE-FLOWERING CANNAS

No other bedding plant will give the same uniform good results in our varied and trying climate. They do well in all sections of the country and stand pre-eminently at the head of the list, succeeding in any sunny position in any kind of soil, but responding quickly to liberal treatment. For best results the beds should be spaded two feet deep and a generous amount of well-decayed manure of any kind thoroughly incorporated, and at all times supplying water freely. For best effect plant in large masses of one color, setting out the plants 2 feet apart. To find the number of plants required for any bed from 3 to 20 feet in diameter see planting table on page 119. All have green foliage unless otherwise specified.

CANNAS OF RECENT INTRODUCTION.

We secure for trial all promising new varieties of Cannas that are offered by European and American specialists, and but few of those tried out the past season are of sufficient merit to displace the varieties offered in 1916. These few, however, offered below are worthy of special commendation:

Queen Helen (Yellow King Humbert). Nature's whims and fancies create wonderful variations in unusual and unexpected ways. The hybridizer, with all his skill, science and patience, can only suggest. Natural variations frequently discount the work of a lifetime. In this case there was found on a plant of the bronze-leaved, red-flowered King Humbert a single branch or shoot with green leaves and yellow flowers. Upon being separated from the parent plant it continued to grow and retained the new colors. Thus we have practically a new variety possessing the vigor, freedom and size of bloom which make King Humbert so valuable, but with bright green foliage, surmounted by great masses of yellow flowers dotted with red. A fascinating diversion is an occasional tendency to revert to the colors of King Humbert. When this occurs one or more leaves and florets will have a distinct streak of red.

We feel confident this variety will please those who try it. \$1.00 each.

Souv. de F. Langle. A French variety of a very distinct orange-red color, edged with gold, a free grower and bloomer. 50cts. each.

Mme. Elyda Bertin. Another distinct, interesting and promising French novelty. The foliage is green; the flowers amber-yellow, veined old-rose; the lower petals carmine-rose, reflex yellow. There is no other variety just like it. 50 cts. each.

Souv. de M. Crozy. Green foliage and beautifully formed flowers in compact trusses. Color a unique deep red with carmine base to each petal. Very meritorious. 50 cts. each.

Lahneck. In this German variety we have an entirely distinct departure and advance in pink Cannas. First of all it is a free grower, producing an abundance of trusses on erect stalks, well above the foliage. The color is difficult to describe. It is fundamentally rosy, but with lines and shadings of scarlet-carmine hues. Add to this a narrow pale-gold border and you may form a slight conception of the beauty of this novelty. \$1.00 each.

Scharfenstein. Another German variety that is sure to take a place among the standard sorts as soon as it becomes known. The beautifully-formed, large round florets are produced in compact but graceful trusses well above the green foliage. The color is a unique light red salmon, with orange and carmine suffusions that altogether forms a most attractive addition to the range of colors found in Cannas. \$1.00 each.

Mrs. Woodrow Wilson. A rich but soft crimson-pink, with very large flowers, made up of broad overlapping petals. A robust grower and free bloomer. 60 cts. each.

City of Portland. A bright rosy-pink, much deeper in color than its parent Mrs. Alfred F. Conard. A free grower; flowering profusely throughout the season. A real acquisition. 35 cts. each.

One each of the above eight Novelties for \$5.00.

DREER'S "PEERLESS DOZEN" CANNAS.

Out of our entire collection of over 200 varieties we have selected the following twelve sorts as the best in their respective colors. They are offered at popular prices, and we are confident that no more satisfactory set of Cannas can be assembled:

Eureka. The best white. 25 cts. each; \$2.50 per doz.

Meteor. The best red. 25 cts. each; \$2.50 per doz.

Rosea Gigantea. The best rose-colored. 25 cts. each; \$2.50 per doz.

Mrs. Alfred F. Conard. The best flesh-pink. 25 cts. each; \$2.50 per doz.

Favorite. The yellowest yellow. 50 cts. each; \$5.00 per doz.

Orange Bedder. The best orange. 25 cts. each; \$2.50 per doz.

The Gem. The best cream-colored with pink dots; unique and dainty. 40 cts. each; \$4.00 per doz.

King Humbert. The most popular Canna of any color. 15 cts. each; \$1.50 per doz.

Uhlberg. The best pink and gold. 20 cts. each; \$2.00 per doz.

Gen. Merkel. The best scarlet and gold. 15 cts. each; \$1.50 per doz.

Wintzer's Colossal. The largest Canna. 30 cts. each; \$3.00 per doz.

Wyoming. The only big orange on bronze foliage. 15 cts. each; \$1.50 per doz.

One each of the "Peerless Dozen" Cannas for \$2.50.

DREER'S "INTERNATIONAL TRIO" OF CANNAS.

The three varieties offered below and illustrated on the plate opposite, originated in the three countries that have produced many of the best varieties in commerce to-day. They are vigorous growers, free bloomers, of easy culture and differ widely in color. A bed or cluster of each will make an attractive display in any garden from July till frost.

Schopenhauer. A fine red sort from Hungary. Described on page 128.

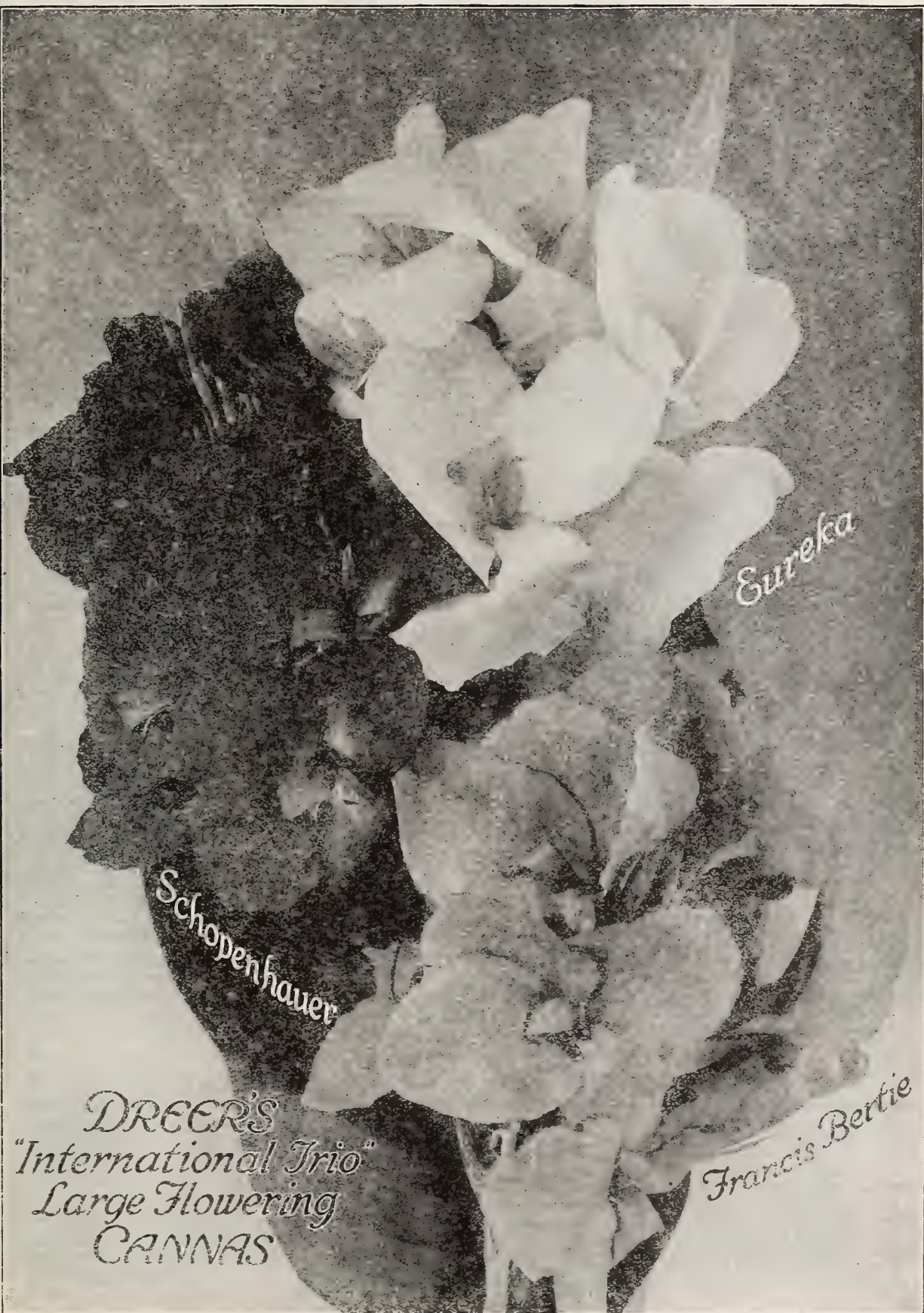
Francis Bertle. A beautiful pink variety from France. Described on page 128.

Eureka. One of our own productions and the best white. Described on page 129.

Price, 25 cts. each; \$2.50 per doz. One each of the three sorts for 65 cts.



CANNA WYOMING



SELECT LARGE FLOWERING CANNAS

We have discarded, as far as practicable, all the older varieties that have been superseded by newer and better sorts. We have arranged them this year in sets, according to their color. We trust this plan will prove a convenience to our patrons in making their selections.

CANNAS OF RED SHADES.

Beacon. Very free-flowering. Color a rich cardinal-red; florets of medium size. A splendid bedding variety; $3\frac{1}{2}$ to 4 feet. 15 cts. each; \$1.50 per doz.

Fanal. An intense fiery Cinnabar-red that compels attention. One of the best bedding sorts; 4 ft. 25 cts. each; \$2.50 per doz.

Feuermeer. Brilliant fiery-scarlet flowers of medium size, very freely produced. A very effective bedder; 4 ft. 15 cts. each; \$1.50 per doz.

Firebird (*Oiseau de Feu*). A remarkable novelty with perfectly formed flowers seven to eight inches across, of a brilliant cardinal-red. 4 ft. 35 cts. each; \$3.50 per doz.

Harry Laing. Large, well-rounded flowers of rich, glowing scarlet suffused with orange; 5 ft. 20 cts. each; \$2.00 per doz.

Mascagni. We describe this as a peculiarly attractive shade of orange-scarlet.

We can do no more with printer's ink. This variety has a color all its own and it is not only attractive but fascinating; 4 ft. 40 cts. each; \$4.00 per doz.

Meteor. It is impossible to convey the full value of this magnificent bedding variety with its massive erect trusses of deep, blood-red flowers, produced with a freedom that leaves nothing to be desired in effectiveness. Unqualifiedly the best deep red bedding Canna; 5 ft. 25 cts. each; \$2.50 per doz.

Philadelphia. A good bright red; 5 ft. 15 cts. each; \$1.50 per doz.

Prince Wied. Rich deep crimson flowers of medium size, produced in large trusses. A fine bedder; 4 ft. 15 cts. each; \$1.50 per doz.

Schopenhauer. A bright red with yellow throat. Not heavy in growth but very free-flowering; 3 ft. 25 cts. each; \$2.50 per doz.

Splendor. Florets of immense size in great spreading trusses. Color salmon-scarlet; $3\frac{1}{2}$ ft. 25 cts. each; \$2.50 per doz.

Wintzer's Colossal. The largest flowered Canna. The florets often measure over eight inches in diameter. A strong vigorous grower, producing large trusses of very large bright scarlet flowers. 5 ft. 40 cts. each; \$4.00 per doz.

One each of the above described 12 Red Cannas for \$2.50.

CANNAS OF PINK SHADES.

Arc. en Ciel. Exceedingly floriferous, producing great quantities of rosy-salmon flowers. $3\frac{1}{2}$ ft. 15 cts. each; \$1.50 per doz.

Czuczor. A compact grower, flowers in large trusses of a delicate pink tone with cream-colored throat and border; 3 feet. 15 cts. each; \$1.50 per doz.

Francis Bertie. An unusually pretty shade of carmine. Flowers are large, of perfect form and freely produced; $3\frac{1}{2}$ ft. 25 cts. each; \$2.50 per doz.

Garam. Very large bright carmine-red flowers; freely produced in large clusters; 4 ft. 15 cts. each; \$1.50 per doz.

Hungaria. Flowers large, in good-sized trusses, freely produced. The color is a beautiful rose-pink, which has been compared to that of the Paul Neyron Rose. It impresses one with its refinement; $3\frac{1}{2}$ ft. 25 cts. each; \$2.50 per doz.

Mrs. Alf. F. Conard. One of the very best Cannas in commerce today. The large exquisite shaded salmon-pink flowers are produced in great abundance on robust upright plants. 4 ft. 25 cts. each; \$2.50 per doz.

Rossini. Pinkish-rose color with edge of petals and throat golden-yellow. $3\frac{1}{2}$ ft. 15 cts. each; \$1.50 per doz.

Secretaire Chabanne. Distinct and pleasing; luminous salmon, passing to rose; $3\frac{1}{2}$ ft. 15 cts. each; \$1.50 per doz.

Venus. One of the most delicately-colored varieties. Flowers of medium size of a soft rosy-pink, with a mottled border of creamy-yellow; 4 ft. 15 cts. each; \$1.50 per doz.

The set of twelve Pink varieties for \$2.00.

CANNAS VARIEGATED RED AND YELLOW.

Claude Montel. Very free, blood-red, with golden margin; $3\frac{1}{2}$ ft. 15 cts. each; \$1.50 per doz.

Gen. Merkel. Brilliant scarlet, suffused with orange. The base and edge of the petals marbled with golden-yellow; 4 ft. 15 cts. each; \$1.50 per doz.

Italia. Orchid-flowered. Bright orange-scarlet with broad golden-yellow border; 4 ft. 15 cts. each; \$1.50 per doz.

Mme. Crozy. The popular golden-edged scarlet; 4 ft. 15 cts. each; \$1.50 per doz.

Queen Charlotte. Rich pomegranate-red, bordered with a broad band of yellow; 3 ft. 15 cts. each; \$1.50 per doz.

The ten Red and Yellow variegated varieties for \$1.25.



CANNA GLADIATOR (offered on page opposite)

Olympic. Rich Oriental-red, shading lighter to the centre and dappled carmine. The individual florets and trusses are very large; 5 ft. 30 cts. each; \$3.00 per doz.

Prince de Galles. Very large flowers of a clear cerise, with rosy-carmine centre; 4 ft. 25 cts. each; \$2.50 per doz.

Rosea Gigantea. Large flowers, borne in such abundance that the mass of color is amazing. A deep rich rose, almost a coral-carmine; 4 ft. 25 cts. each; \$2.50 per doz.

YELLOW AND ORANGE CANNAS.

Brilliant. Rich yellow with two curling, bright red, tongue-like petals in the centre. 3½ ft. 15 cts. each; \$1.50 per doz.

Favorite. There have been many spotted Cannas that were good, but in Favorite we have a variety that eclipses them all. The color is an intense yellow of a deep golden tone. The red dots, not too pronounced, add to the piquancy of the flower without detracting from the golden mass. Produced on tall stems high above the foliage; 5 ft. 50 cts. each; \$5.00 per doz.

Gladiator. One of the finest bedders. Color deep yellow, freely dotted with red. 4½ ft. 15 cts. each; \$1.50 per doz.

Goethe. Most conspicuous and attractive. It grows about 4½ ft. high with bright green foliage surmounted by graceful trusses of bronzy-orange-yellow flowers. 50 cts. each; \$5.00 per doz.

Goldbird (*Oiseau d'Or*). This is the yellow companion to Fire-bird. The immense, soft Canary-yellow flowers are borne in large trusses above the very heavy green foliage. 4½ ft. \$1.00 each. \$10.00 per doz.

Jane Addams. Color a rich deep yellow, with a touch of red at the throat. A clean vigorous grower and very free-flowering. 4½ ft. 30 cts. each; \$3.00 per doz.

Orange Bedder. A particularly attractive and useful variety of a bright orange color, with just enough scarlet suffusion to intensify the dazzling mass of color. A very free bloomer, which we recommend as a bedding variety of great merit. 4 ft. 25 cts. each; \$2.50 per doz.

Set of 7 Yellow and Orange Cannas for \$2.50

Cannas with White Flowers.

Eureka. Our own introduction, and in our opinion the very best white-flowering Canna. The immense trusses of substantial flowers are borne upon very vigorous plants in greatest profusion. 4½ ft. 25 cts. each; \$2.50 per doz.

Johanna Kanzleiter. Light amber yellow, changing to creamy-white. A free bloomer. 4 ft. 15 cts. each; \$1.50 per doz.

Maros. Before the introduction of Eureka this was considered the best white Canna. It is very free-flowering and projects its trusses of creamy-white flowers high above the foliage. 3½ ft. 15 cts. each; \$1.50 per doz.

Petofi. Considered by the originator a decided improvement over Maros. The color is purer white, showing very faint pink dots. 3 ft. 25 cts. each; \$2.50 per doz.

Set of 4 White Cannas for 75 cts.

Cannas with Bronze Foliage.

Dr. E. Ackerknecht. Carmine-lake, suffused with deep carmine. An unusually interesting variety. 4 ft. 15 cts. each; \$1.50 per doz.

Ehrenfels. Splendid rich orange-colored flowers of good size, produced well above the metallic-bronze foliage. 4 ft. 40 cts. each; \$4.00 per doz.

Faisan dore. Apricot-carmine flowers with golden sheen surmounting beautiful bronze foliage. A charming combination. 3½ ft. 25 cts. each; \$2.50 per doz.

Graf Tolstoi. Brilliant scarlet florets in immense trusses. 4 ft. 15 cts. each; \$1.50 per doz.

King Humbert. The most popular Canna. Magnificent orange-scarlet flowers in immense trusses surmount the vigorous coppery-bronze foliage throughout the season. Orchid-flowered. 5 ft. 15 cts. each; \$1.50 per doz.

Koros. Light orange-scarlet flowers, dotted and streaked with cochineal-carmine. 4 ft. 15 cts. each; \$1.50 per doz.

Louis Reverchon. Large cochineal-red flowers, produced in great graceful clusters well above the green bronze foliage make this a very valuable bedding variety. 4½ ft. 15 cts. each; \$1.50 per doz.

Wabash. Large carmine-rose flowers freely produced. Pink blooms on bronze foliage are unique and truly attractive. 4 ft. 25 cts. each; \$2.50 per doz.

Wyoming. The massive orange flowers and purplish-bronze heavy foliage forming a striking contrast. Orchid-flowered; 6 ft. 15 cts. each; \$1.50 per doz.

One each of 9 bronze-leaved Cannas for \$1.50.

ITALIAN, OR ORCHID-FLOWERED CANNAS.

Allemania. Pleasing dark salmon with golden markings. 4 ft.

Austria. Pure Canary-yellow: fine large open flowers with a few reddish dots in the centre of the two inside petals. 4 ft.

Italia. Bright orange-scarlet, with golden-yellow border. 4 ft.

King Humbert. Described above under bronze-leaved sorts.

Mrs. Karl Kelsey. Orange-scarlet, suffused and striped with yellow and rose; very attractive. 5 ft.

Price, any of the above, except where noted, 15 cts. each; \$1.50 per doz. The set of 9 for \$1.25.

PRICES OF CANNAS IN QUANTITY.

We will supply any of the varieties in quantity as follows:

Sorts offered at 15 cts. each, \$1.50 per doz., for \$10.00 per 100.

“ 20 “ 2.00 “ 12.00 “ 100.

Sorts offered at 25 cts. each, \$2.50 per doz., for \$18.00 per 100.

“ 30 “ 3.00 “ 25.00 “ 100.

25 or more of any one variety at the 100 rate.



ITALIAN OR ORCHID-FLOWERED CANNA



SELECT CARNATION

CALLAS (Richardia).

The varieties offered below succeed best when treated in the same manner as *Gladiolus*, *Tuberoses* and other summer-flowering bulbs. They should be planted in the open border in a dormant condition when danger from frost is over in spring, and will then flower during the summer months. In the autumn dig and store through the winter as you would potatoes.

Golden Yellow (*Richardia Elliottiana*). This is the best of the Yellow Callas, its flowers being as large as the popular white variety, but of a rich lustrous golden-yellow of velvety texture; the foliage is dark green, with translucent creamy-white spots, which adds much to its beauty. Strong bulbs, 35 cts. each; \$3.50 per doz.



GOLDEN YELLOW CALLA

Spotted Leaf (*Richardia alba maculata*). Leaves deep green, with numerous white spots. The flowers are white, with a black centre. 15 cts. each; \$1.50 per doz.

CAMELLIA JAPONICA.

General favorites with most people and the fashionable cut flower half a century ago, and which, to some extent, has been revived during the past few years. Anyone having a cool greenhouse or conservatory will find them among the most desirable plants to grow.

We offer 12 distinct varieties in the various shades of pink, rose, white and variegated in the following sizes:

	EACH.	PER DOZ.
Bushy plants, 15 to 18 in. high.....	\$1.00	\$10.00
“ “ 18 to 24 “ “	1.50	15.00

CESTRUM PARQUI (Night-blooming Jessamine).

An interesting tender shrub of easy cultivation, with small greenish white flowers of delightful fragrance, which is dispensed during the night only. 15 cts. each; \$1.50 per doz.

CLEMATIS INDIVISA.

One of the most valuable of all greenhouse climbers. Its pure white flowers are from 1½ to 2 inches in diameter, and produced in panicles frequently 2 feet long. A well-established plant during the early spring months is simply a mass of bloom; the flowers can be used to good advantage in a cut state. \$1.00 each.

SELECT CARNATIONS.

The Carnations which we furnish in spring are thrifty young plants from pots, and should be handled as follows:

The young plants can be grown in a cool greenhouse, hotbed or cold-frame where the temperature can be maintained at 50 degrees at night, with plenty of fresh air during the day. The little plants should be shifted along as required, and never allowed to get potbound.

As soon as all danger from hard frost is over, plant in the garden 12 inches each way, and keep well cultivated until they begin to bloom, when a light mulch of strawy manure will be beneficial to retain moisture in the soil, and help nourish the plants.

Plants so treated should begin to flower in July and continue to produce an abundance of flowers until killed by frost. For winter flowering the same cultural notes apply, with the exception that the flower shoots should be kept pinched back until about the middle of August, when they should be planted on benches in the greenhouse for the season's crop of flowers.

Any good fresh soil, moderately enriched, will grow them. Plant 9 to 12 inches apart, according to the size of the plants. The same night temperature that is required for the little plants before planting out will make good flowers, with 15 to 20 degrees higher and plenty of fresh air during bright days; water only sufficiently to keep plants from wilting.

Alice. Beautiful blush-pink, very free.

Beacon. Brilliant scarlet.

Belle Washburn. The most brilliant red.

Benora. Creamy-white penciled bright red.

Champion. Fine free scarlet.

Enchantress Supreme. • Light salmon-pink.

Matchless. Free-flowering pure white.

Miss Theo. A true rose-pink.

Mrs. C. W. Ward. Beautifully formed
deep pink.

Princess Dagmar. Fine large crimson.
White Enchantress. Very free-flowering large white.

Yellow Prince. A good yellow.

10 cts. each; \$1.00 per doz.; \$6.00 per 100. Set of 12 for \$1.00.

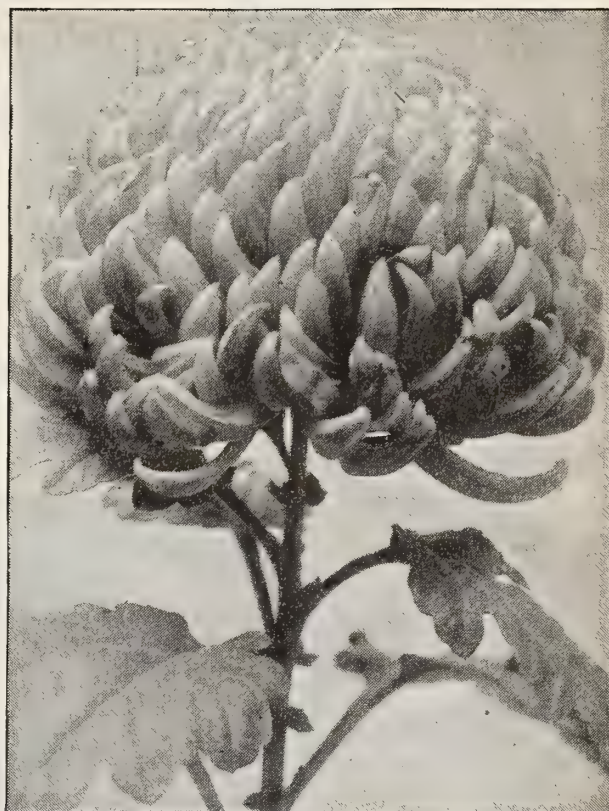
After September 1st we can only supply large field grown plants prepared for winter flowering. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

CISSUS.

Discolor. A beautiful climber for the conservatory, with mottled and marbled crimson and green foliage. 25 cts. each; \$2.50 per doz.



CLEMATIS INDIVISA



TYPES OF EXHIBITION CHRYSANTHEMUMS

CHRYSANTHEMUMS.

Our list has been carefully revised. All of the varieties selected are such that have made their mark on the exhibition table. At the same time great care has been taken to confine the various varieties known to the trade as "easy doers," that is, varieties which can be grown under ordinary conditions, eliminating those which require special skill and facilities to bring to perfection.

SIX SPLENDID NEW EXHIBITION VARIETIES.

INTRODUCTIONS OF 1916.

Alice Day. A perfectly formed pure white of dwarf habit.
Elvia Scoville. A sport of Well's Late Pink; identical with its parent in every way except in color which is pure white.
Mrs. G. G. Mason. A strong growing blood-red, with a gold reverse.

Mrs. J. Gibson. An exceptionally large and fine light pink.
William Rigby. A yellow edition of Mrs. Gilbert Drabble; a monster in size and perfect form.
Yellow William Turner. A clear yellow form of the popular William Turner, a good grower.

Price. Any of the above 50 cts. each; \$5.00 per doz.; the set of 6 for \$2.50.

The Twenty-five Best Standard Cut Flower and Exhibition Chrysanthemums

A. S. Baldwin. An absolutely perfect pure yellow.
Bob Pulling. Pure yellow with petals over an inch in width and nearly ten inches deep.
C. H. Totty. An enormous glowing chestnut-scarlet; one of the best.
Chieftain. A beautiful incurving pink of perfect shape.
Chrysolora. Beautiful, early, incurving yellow.
Earl Kitchener. Amaranth with silvery reverse, very novel in color.
Elberon. Large incurved Japanese pink.
Gertrude Peers. A beautiful crimson that never burns.
Harvard. Very dark crimson reflexed Japanese.
James Fraser. Very large deep canary-yellow.
Mary Mason. Gigantic bronzy-red, an exquisite variety.

Meudon. Bright pink of immense size.
Mrs. Paul Moore. Magnificent light yellow.
Mrs. R. C. Pulling. Clear yellow of tremendous size.
Mrs. L. J. Reuter. Purest white with twisted reflexed petals.
Mrs. Ernest Wild. Early chestnut-crimson, bronze reverse.
Pattie. Very delicate shade of pink.
Pockett's Crimson. Beautiful crimson with gold reverse.
Rose Pockett. A splendid old-gold shaded bronze.
Unaka. The best early pink, a very popular sort.
Well's Late Pink. One of the finest pinks.
White Chieftain. Beautiful incurving white.
White Gloria. Pure white; one of the best earlies.
Wm. Vert. Crimson with bright gold reflex.
William Turner. A perfect ball of pure white.

15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 25 varieties for \$3.00.

HARDY POMPON CHRYSANTHEMUMS.

We offer a fine lot of the best sorts. See page 208.

EARLY-FLOWERING CHRYSANTHEMUMS.

The varieties offered below, covering a full range of colors, have been selected from more than fifty sorts, and are such that can be depended upon to furnish an abundance of good-sized flowers in the open air, under ordinary garden cultivation, during October and early November, after Dahlias and other tender plants have been cut by frost.

Goacher's Crimson. Bronze-red.

Harrie. Bronzy-orange.

Le Argentuillais. Chestnut-red.

Normandie. Beautiful white with just a suggestion of pink.

October Gold. Splendid bronze-yellow.

Perle Chatillonnaise. Sulphury-white.

Provence. Bright pink with golden points and centre.

15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 7 varieties for 85 cts.

CHRYSANTHEMUM FRUTESCENS.

(Paris Daisy or Marguerite.)

Mrs. F. Sander. This variety is equally valuable for the conservatory and window garden in late winter and spring, and is an excellent bedding plant during the summer months, succeeding in any sunny position; the pure glistening white flowers frequently measure 5 inches across; the centre of the flower is a mass of closely arranged fringed florets, surrounded by broad, ray petals.

Etoile d'Or. The true large-flowered yellow Paris Daisy.

15 cts. each; \$1.50 per doz.

CLERO- DENDRON.

Balfouri. A beautiful greenhouse climber, and admirably suited for house culture, flowering most profusely with bright scarlet flowers, enveloped in a creamy-white calyx. 15 cts. each. Extra large plants, 25 cts. and 50 cts. each.

Falax. A good plant for the conservatory, of shrub-like habit, bearing in August and September many flowered panicles of bright scarlet blossoms. 35 cts. each.



EARLY-FLOWERING CHRYSANTHEMUM



CLIVIA



COBÆA

Clivia Miniata.

(Imantophyllum.)

A pretty lily-like plant of the easiest culture, and a most desirable house plant, it flowers during the spring and summer months, remaining in bloom for a long period. The flowers are about 2 inches long, and are borne in dense clusters from 10 to 20 flowers each; in color it is of a fine orange-red, shading to buff. Large, strong plants, 50 cts. each.

Cobæa Scandens.

(Cups and Saucers Vine.)

A beautiful climber of rapid growth, large purple cup-and-saucer shaped flowers. For quickly covering arbors, trellises, etc., it is

unsurpassed. Ready in May. 25 cts. each; \$2.50 per doz.

COLEUS (Flame Nettle).

The varieties offered below are the best of the standard sorts now in use for bedding, filling vases, etc., etc.

Cecile Brown. A useful variety for porch boxes, vases, etc., it being of trailing habit, centre rosy-crimson and yellow, bordered maroon and edged crimson.

Dr. Ross. Very large crimson leaves, edged and marked with green and yellow; the finest fancy variety.

Firebrand. Brilliant reddish-brown.

Golden Bedder. Fine yellow.

Queen Victoria. Crimson; golden edge.

Verschaffelti. The popular dark crimson.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

COLOCASIA.

Neo Guinensis. Dark green, shiny leaves, spotted with creamy-white. A good subject for the stove or warm conservatory. 50 cts. each.

COSMOS.

Indispensable summer and autumn blooming plants, producing their artistic blossoms in lavish profusion. Plants ready May 1st.

Early-flowering White, Pink and Crimson.

60 cts. per doz.; \$4.00 per 100.



CROTON JULIETTE DELARUYE

Robert Levallois. Medium sized wavy green leaves with broad yellow veins on a bright green base; petioles carmine.

Willie Runde. Very interesting in coloring, varying from green and fawn in the young leaves to deep bronze with red veins when fully developed. The form of the leaves is unique, varying in width from 1 to 2½ inches, the variations are made in graceful curves.

W. Stoffregen. Broad, irregular shaped leaves of a deep bronzy-green, heavily marked with deep salmon-orange mid-ribs and veins.

Price. Any of the above novelties in good plants, 60 cts. each; the set of 12 for \$6.00.
Larger specimens at \$1.00, \$1.50 and \$2.00 each.

STANDARD VARIETIES OF CROTONS.

Andreanum. Leaves broad-oblong, deep green with yellow and crimson vein-markings.

Charmer. Leaves very large, golden-yellow, with deep olive-green blotches; midrib and veins crimson.

Craigl. Deeply lobed foliage, of a fresh rich green, freely veined and marked with rich golden-yellow.

Czar Alexander. Large broad leaves of a bronzy-green, maturing to a bright carmine-red.

Maculatum. Medium-sized leaves, prettily spotted with yellow.

Musaicum. Wavy, lanceolate leaves, green, crimson and cream color.

Norwood Beauty. Oak-leaved; ground color greenish-bronze, veined and splashed with orange-salmon.

Punctatum. Narrow dark green leaves, densely spotted yellow.

Queen Victoria. Long leaves, rich golden-yellow, mottled with green; midrib and veins, as well as the margin, vivid crimson.

Robert Craig. A splendid combination of deep olive-green and golden-yellow, with rosy sunset suffusion.

Yuletide. Long narrow leaves, changing from light orange and green to deep cardinal orange and green; very rich.

3-inch pots, 35 cts. each; set of 12 varieties for \$3.50.

4-inch pots, 60 cts. each; set of 12 varieties for \$6.00.

Large plants, \$1.00, \$1.50 and \$2.50 each.

CYPERUS (Umbrella Plant).

Alternifolius. An excellent plant for the house. Will thrive in any good soil, and always presents a green and attractive appearance. It may be grown as sub-aquatic, and in any case should never lack a liberal supply of water. 15 cts. and 25 cts. each; \$1.50 and \$2.50 per doz.

CROTONS.

Nothing can excel the beauty and richness of coloring that is found in this class of plants. They are beautiful as pot plants for the conservatory, making handsome specimens for decorative and exhibition purposes, and are now used extensively as bedding plants, for which purpose they are exceptionally well adapted. They should be planted in full sun in a position where they can be liberally supplied with water, which develops the most wonderful colorings in the foliage. Our collection embraces the handsomest new and standard varieties.

TWELVE CROTON NOVELTIES.

Chartieri Major. Very large massive leaves of a dark bronzy-green, attractively blotched and streaked with red.

Juliette Delaruye. Large, deeply-lobed, oak-leaved foliage of a bright green; the midrib, veins and irregular blotches in the leaves are of clear canary-yellow; an effective, vigorous grower.

Karl Hartlieb. Immense broad leathery oak-shaped leaves on long petioles. In coloring they present all the lovely red and golden shades of Autumn leaves.

Lilie Stoffregen. Large broad leaves of a bright olive-green with broad irregular bands of creamy, yellow along the midrib and veins.

Lord Belhaven. Immense leaves, frequently 18 inches long, ground color green, midrib rosy-salmon, surface blotched with yellow.

Mrs. Duncan Macaw. Fine large leaves of uneven form, which, while young, are green with yellow veins; as they mature the green becomes a reddish bronze, while the yellow is transformed into a bright cardinal-red.

Pere Charon. Large, elliptical, slightly undulated foliage, which at first is a bright green with irregular large yellow and carmine blotches, which as they mature become a dark bronzy-green with orange-carmine midribs, veins and blotches; a variety of extraordinary merit.

Philipp Geduldig. A splendid compact grower, with broad, medium-sized leaves. When young, the light green ground is generously splashed with yellow. This gradually deepens to a bright cardinal-red on an olive-green base.

Pitcairn. A novelty of surpassing merit, the leaves are of good size and substance; when young, green with a broad area of yellow through the centre, maturing to a rosy bronze with red-salmon blotches; a free grower and very showy.

Baronne James de Rothschild. Large, broad, deep olive green leaves with yellow, changing to crimson variegation.



CYPERUS ALTERNIFOLIUS

DREER'S SELECT DAHLIAS

While the season of 1915 was a most unfavorable one for Dahlias that of 1916 was even worse, being a record breaker for intense heat and lack of rain just at the time when Dahlias needed it; as a result the showing of good flowers was most disappointing. Judging from past experience we are not likely to have a third successive season of such unfavorable weather conditions, and we are looking forward to the season of 1917 in anticipation, that it will prove a banner year and make up for the disappointments of the past two seasons.

Our list of varieties has again been carefully revised and will be found to contain only high-grade sorts. A number of new varieties which we had hoped to offer this season had, owing to the unfavorable weather conditions, no chance for proper development, and will be held over for another year's trial before offering them.

All of the Dahlias offered in this catalogue are supplied in dormant field roots, or strong divisions of proper planting sizes—not clumps—excepting some of the newer or scarcer kinds, which we can only furnish in plant form and which are noted in the catalogue. These plants are usually ready to send out about May 1st. As the season advances our supply of roots of some of the older varieties becomes exhausted, in which case green-growing plants are sent instead. These will give equally as good results as dormant roots, flowering just as freely, and many experienced planters prefer them, and by autumn they will have produced strong roots, which can be carried over winter in the usual way.

Notes on the culture of Dahlias are included in our new book, "Dreer's Hints on the Growing of Bulbs," price 25 cts., or a copy will be sent free to customers who ask for it when ordering.

Dahlias are offered in this catalogue under the following heads:

	PAGES.		PAGES.
Cactus varieties.....	134 to 142	Show and Fancy varieties.....	147
Decorative ".....	143 to 145	Pompon ".....	148
Pæony-flowered varieties.....	146	Collerette ".....	148
	Single, Century and Duplex varieties.....		149

CHOICE CACTUS DAHLIAS

We offer on this and the following eight pages a complete alphabetical list of the best of the recent introductions, together with the older well-tried gems which have made a reputation for themselves.

Abundance. Exceedingly prolific, narrow-pointed petals, cerise passing to light rose at tips, flowers borne on strong stiff stems. 50 cts. each.

Acme. An early and free slightly incurved flower with high centre, long narrow petals, madder-crimson overlaid maroon. 50 cts. each.

Aegir. Rich, warm cardinal-red; peculiarly twisted petals. 25 cts. each.

Alicia. Large distinct-looking flowers of a prim-rose-yellow with rose suffusion, habit erect and free. 50 cts. each.

Alpenrose. See page 142.

Amity. Flowers of medium size, of fine curling incurved form of a bright garnet-red. 50 cts. each.

Andromaque. A fine flower of a soft reddish-salmon, with rosy suffusion, a distinct and delicate blending. 50 cts. each.

Ariel. A much admired form and color; peculiarly curled and twisted petals of a unique blending of yellow and salmon-rose. 50 cts. each.

Astree. Beautiful, neat flowers of medium size, of a bright pleasing rose; very free. 50 cts. each.

Attraction. A hybrid Cactus of very large size, petals peculiarly curled; color a pleasing shade of lilac. A splendid exhibition flower. Plants ready May 1st. \$1.00 each.

Aurora. A beautiful, reddish-apricot, suffused with flesh-pink, shading lighter to the tips. 50 cts. each.

Australian. A brilliant rich purple, with bright crimson suffusion. 25 cts. each.

Aviateur Garros. Light sulphur-yellow shading almost to white at the tips of the broad-pointed petals. Flowers of medium size and borne freely on strong stiff stems. The earliest flowering cactus to date and a valuable addition. 50 cts. each.

Andromeda. An extremely free-flowering variety of a bright terra-cotta red, with golden suffusion. 25 cts. each.

Annelie Dufour. Red and gold tipped with white, a pretty fancy sort. 50 cts. each.



CACTUS DAHLIA ATTRACTION

Choice Cactus Dahlias

(Continued)

Bergeronette. Pure white with cream centre, petals broad and slightly incurved, of good substance and very free. 50 cts. each.

Bertha Gassman. Broad straight petals, very regularly arranged, forming a splendid medium-sized flower, of a most pleasing shade of rosy-carmine. 50 cts. each.

Bessie Palliser. See page 142.

Bianca. An exceptionally well formed, broad petalled hybrid cactus of a pleasing soft rosy-lilac; of excellent habit, very free-flowering. 75 cts. each.

Bismarck. Intense fiery-red; gracefully formed flower, on stiff stems held well above the foliage. 25 cts. each.

Blaustrumpf (Blue Stocking). A distinct deep purple with bluish suffusion. 25 cts. each.

Bouvereuil. Broad petalled hybrid cactus, at times showing Pæony centre, but desirable in either form, in color, golden-yellow at base, passing to crimson-carmine at edges. 25 cts. each.

Candeur. See page 142.

Cavalier. Flowers of medium size with long incurved petals of an intense, rich crimson. 50 cts. each.

Centurion. Brilliant crimson-scarlet with long incurving much interlaced and twisted petals. \$1.00 each.

Collignotte. Rich, velvety-purple flowers, distinct and free dwarf habit. 50 cts. each.

Conqueror. An exceptionally free-flowering crimson on stiff stems. 50 cts. each.

Conquest. A fine, large deep crimson, of splendid habit. 35 cts. each.

Countess of Lonsdale. See page 142.

Crystal. A splendid exhibition flower of large size and fine form; long twisted and incurved tubular petals of a tender silvery-pink, shading to ivory-white in the centre. Plants ready May 1st. \$1.00 each.



CACTUS DAHLIA BIANCA

Daydream. Honey-yellow, with bright yellow centre and salmon-rose shadings; delicate and pretty. 25 cts. each.

Decision. A splendid exhibition flower with long, narrow incurved tubular petals, shading from a deep yellow at the centre to a clear golden bronze, excellent habit and strong wiry stems. \$1.00 each.

Delicatissima. A perfectly formed and most delicately colored variety; a splendid cut flower with good stems; color tender Hydrangea pink, with lighter shadings. 25 cts. each.

Derna. Light chrome-yellow striped cardinal-red, very free flowering and of good habit. 50 cts. each.

Dibs. See page 142.

Dolly. A striking bicolor variety, about two-thirds the length of each petal being a crimson-scarlet with the tip end pure white. 50 cts. each.

Dora. A fine large flower of a luminous reddish-salmon, deepening to the centre; long petals. 35 cts. each.

Duchess of Marlboro. This beautiful variety for freedom of bloom is in the same class as Countess of Lonsdale; a beautiful tint of solferino, backed by a sunshine-like golden suffusion at the base of the petals. A Dahlia which will please every amateur as well as the grower of exhibition flowers. 50 cts. each.

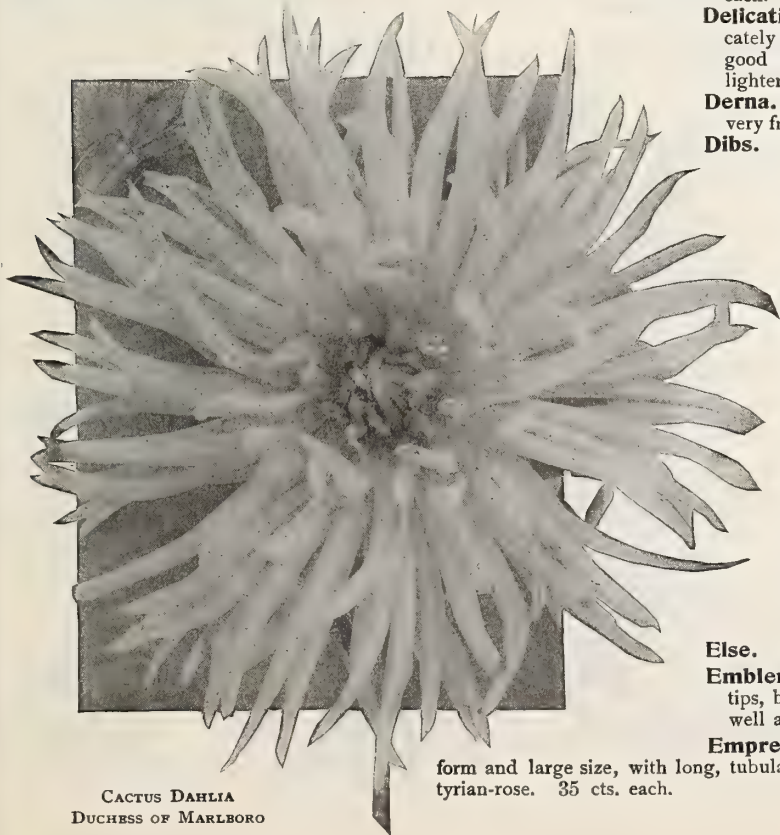
Echo. Bright tyrian-rose, passing to silvery-rose at base of petals. 25 cts. each.

Edith Carter. A good-sized flower of unusual grace and refinement in form and color, a bright yellow suffused with bright rosy-carmine. \$1.50 each.

Else. See page 142.

Emblem. Primrose-yellow shading to rose pink at tips, broad pointed petals, very free, flowers held well above the foliage. 75 cts. each.

Empress. A great exhibition flower of beautiful form and large size, with long, tubular incurved petals of a most pleasing tint of tyrian-rose. 35 cts. each.



CACTUS DAHLIA
DUCHESS OF MARLBORO

Choice Cactus Dahlias

(Continued)

Esther. A good free-flowering solferino-red. 50 cts. each.
Etendard de Lyon. See page 140.

Etoile de France. See page 142.

Etoile Rose. A splendid and good garden variety, very free, medium sized flowers of a dainty shell-pink passing to white at centre. 50 cts. each.

Excelsior. A beautiful variety, with long and extremely narrow petals of a deep maroon. 50 cts. each.

Fernand Olivet. See page 142.

F. Graham. Very large flowers, the centre a beautiful glowing golden shade, which gradually passes to a deep salmon-rose; an effective color combination. 25 cts. each.

Floradora. A remarkably free-flowering, bright blood-red. 25 cts. each.

Florid. An early and free-flowering bright scarlet-crimson, on erect, stiff stems. 50 cts. each.

Florrie Wells. Of very perfect shape, composed of straight, stiff petals of a peculiarly pleasing shade of rosy-crimson. 50 cts. each.

Frances White. A pure white of distinct form, the long, narrow petals being twisted in cork-screw style; the flowers are very deep and never show an open centre. 50 cts. each.

Fulgent. Very large flowers of long, slightly incurved petals of a brilliant crimson; early and free. 50 cts. each.

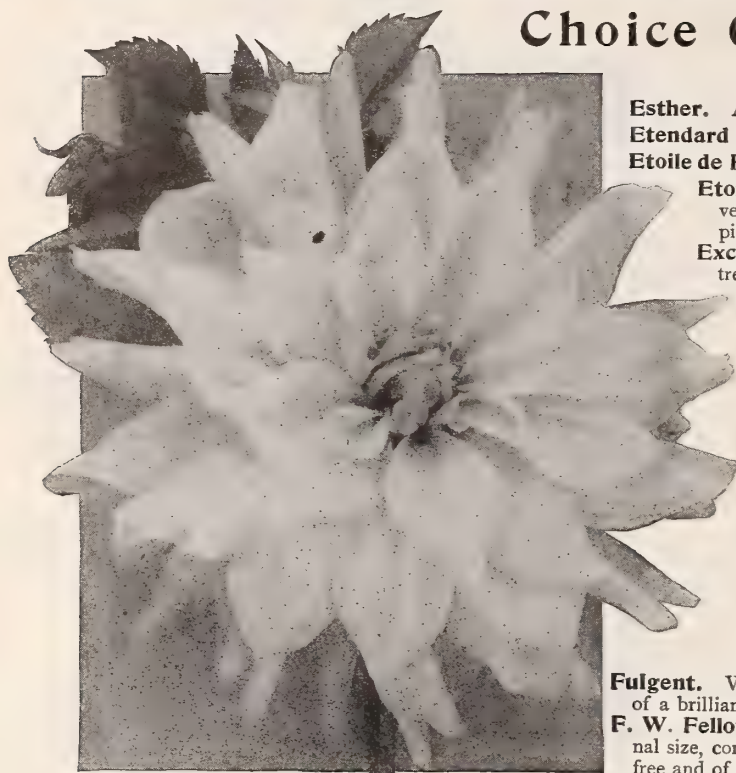
F. W. Fellows. A wonderful exhibition flower of phenomenal size, composed of long, narrow, lively orange petals; very free and of excellent habit. \$1.00 each.

Galathea. See page 142.

General French. See page 142.

General J. B. Seth. A rich, brilliant scarlet, with orange scarlet shadings, of perfect form. 50 cts. each.

Genoveva. One of the freest flowering primrose-yellows; fine for cutting. 50 cts. each.



CACTUS DAHLIA, GALATHEA

Glueckskind. One of the very free-flowering varieties. A delicate soft pink with salmon suffusion; fine for cutting. 50 cts. each.

Golden Crown. A splendid bright clear yellow. 50 cts. each.

Golden Eagle. Splendidly incurved large flower of a pleasing golden-buff. 35 cts. each.

Golden Gate. A very large hybrid cactus of a rich deep golden-yellow suffused and shaded fawn, lights up well under artificial light. Long stiff stems; very free. 50 cts. each.

Goldland. See page 142.

Gold Quelle. Medium-sized flowers of a light sulphur-yellow, habit dwarf; very free. 50 cts. each.

Graefin von Schimmelmänn. See page 142.

Graphic. A distinct and beautifully incurved, medium sized very dark purple, each petal having a white tip. 50 cts. each.

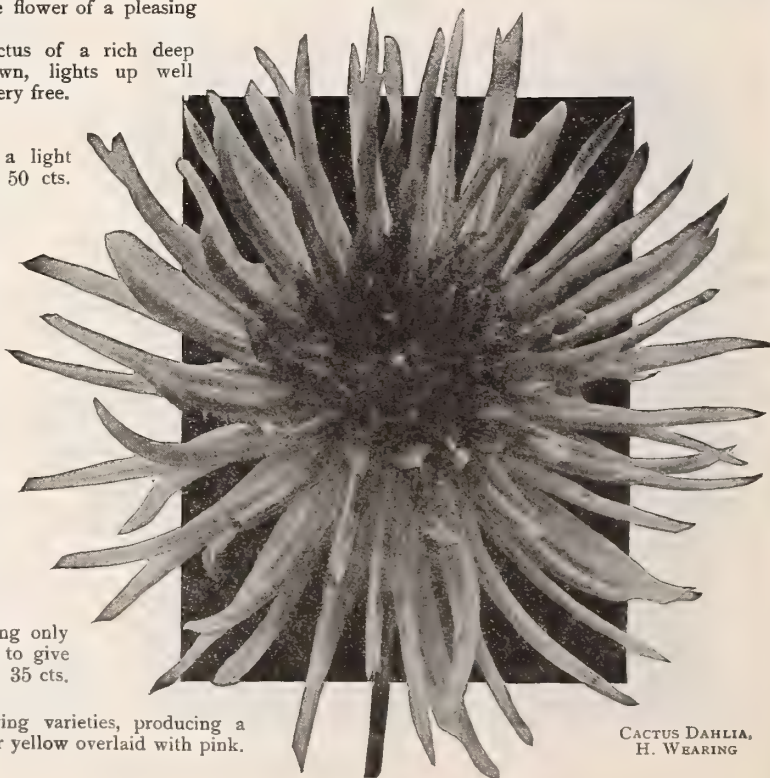
Helmwig. Of true cactus form, clear lemon-yellow, shading slightly deeper to the centre, an exceptionally free bloomer holding its flowers well above the foliage. 50 cts. each.

High Sheriff. A flower of fine form, a bronzy-rose color, passing to a golden-bronze towards the centre. 25 cts. each.

H. Wearing. See page 142.

Jeanne Hardy. A dainty, almost globular flower; color a rich French purple with vinous-red suffusion, the reverse of the tubular petals is a silvery-rose showing only at the open points in such a manner as to give the flower a bicolor or tipped appearance. 35 cts. each.

Jenny Wren. One of the strong growing varieties, producing a mass of flowers of good medium size, color yellow overlaid with pink. 50 cts. each.



CACTUS DAHLIA,
H. WEARING

Choice Cactus Dahlias

(Continued.)

John Riding. An ideal exhibition variety. Plants of sturdy growth, producing enormous incurved blooms of a deep rich crimson of splendid form. Plants ready May 1st. 75 cts. each.

Kalif. See page 140

Karl Kotte. One of the most beautiful of the autumn tints, a rich reddish-salmon. 35 cts. each.

Lady Hutton. A dainty flower with long narrow petals of a soft amber-yellow, lightly suffused with rose on the outer petals. 25 cts. each.

Lady Kilmaine. Salmon-pink, shading deeper towards the tips of the long incurved petals. 25 cts. each.

Lawine. See page 142.

Libellule. See page 142.

Liegnitz. One of the broad-petaled Hybrid Cactus of large size of a distinct shade of cerise. 35 cts. each.

Lord Minto. See page 142.

Louis Chauvet. A distinct fancy with rather broad petals, the outer ones being white, edged with crimson-carmine; towards the centre the petals are of a luminous carmine, bordered or edged with rich garnet. 35 cts. each.

Lovely. Delicate violet-rose with creamy-white shading. 25 cts. each.

Magnet. Distinct in color, a coppery old-rose, with mauve suffusion towards the tips; a fine flower composed of broad petals, tubular towards the tips and more or less curled and twisted. 35 cts. each.

Marathon. A brilliant rich purple, illuminated with higher, brighter shadings; entirely distinct in color and form. 35 cts. each.

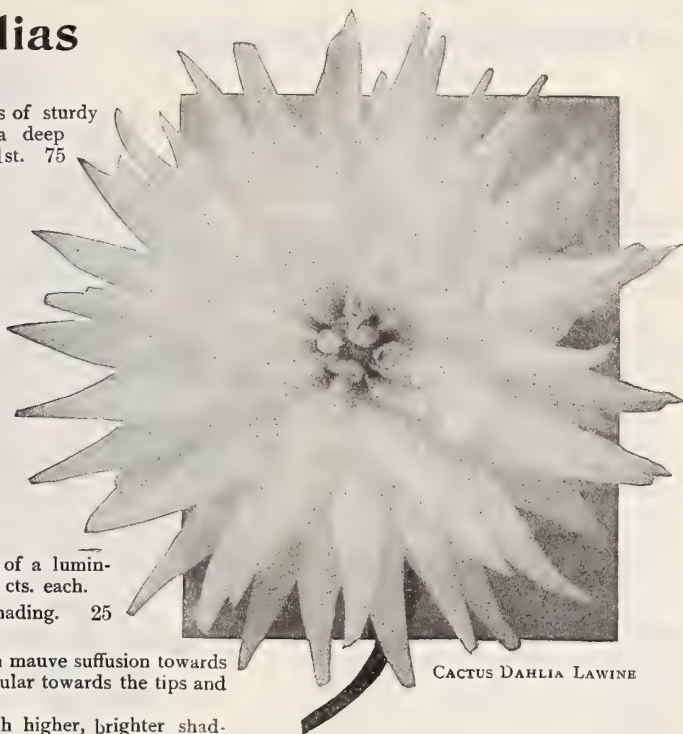
Marie Louise Heraud. Tender salmon-rose, passing to yellow at centre; a good flower of a very pleasing tint of color. 50 cts. each.

Mauve Queen. See page 142.

Miss T. Cherry. A great free-flowering garden variety with fair sized flowers of a splendid shade of bright carmine-rose; exceedingly free-flowering. 50 cts. each.

Miss Willmott. See page 142.

Mme. Adolphe Bechet. Large flower of a tender rose color, suffused tyrian-rose. 25 cts. each.



CACTUS DAHLIA LAWINE

Mme. Bertha Gemen. A splendid flower of a rosy currant-red, suffused with Naples-yellow. 25 cts. each.

Mme. Camille Pabst. A pretty deep amber-yellow, suffused salmon-rose. 25 cts. each.

Mme. Desmaris. A beautifully formed flower with twisted and curled flat petals of a bright madder-carmine with golden suffusion. 50 cts. each.

Mme. Eschenauer. One of the earliest and freest flowering Cactus varieties, of a creamy-white delicately suffused with mauve-pink. Plants ready May 1st. \$1.00 each.

Mme. Marie Doucet. See page 142.

Mme. Marie Micheli. A dainty flower of tender rose, shading to white at centre. 25 cts. each.

Mons. Gemen. A brilliant fiery red, shading deeper to the base of the petals. 25 cts. each.

Mr. Gillet. A brilliant and superb orange-scarlet, of splendid habit, holding its flowers well above the foliage; a fine cut flower and excellent for garden decoration. 50 cts. each.

Mrs. Clinton. See page 142.

Mrs. George Castleton. See page 142.

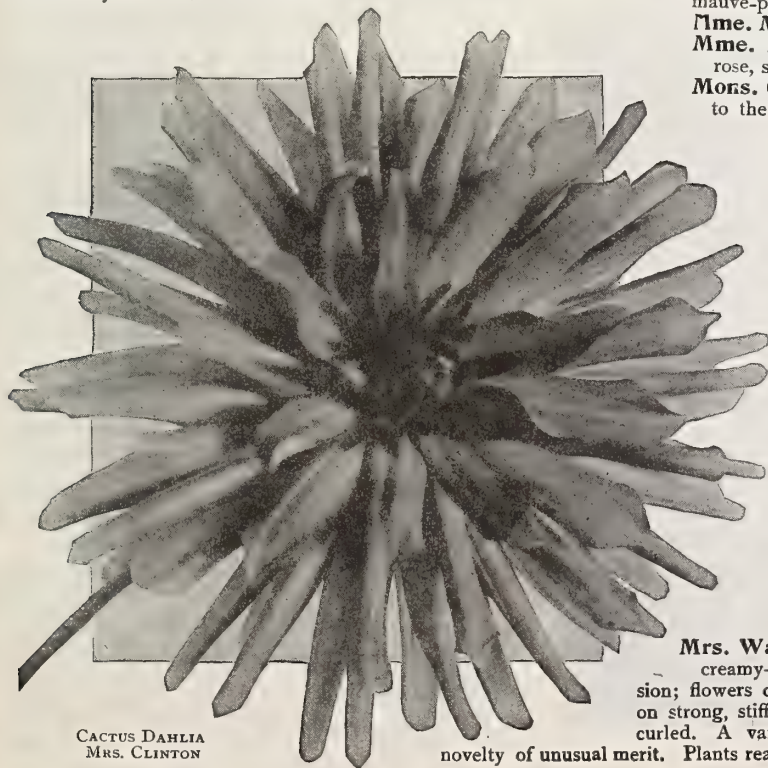
Mrs. J. C. Vaughan. A broad-petaled hybrid cactus variety of a lively lemon-yellow with flowers of large size; very free-flowering, good stiff stems; a fine cut flower. 50 cts. each.

Mrs. Pauline MacKenzie. A beautiful autumn-tinted variety; buff with apricot shadings. 25 cts. each.

Mrs. Pearson. Fawn-colored flowers shaded pink; excellent free habit. \$1.00 each.

Mrs. T. J. Woodall. Pure primrose, passing to carmine-pink at the points of the petals. The charming combination of colors forms a flower of great beauty. 35 cts. each.

Mrs. Warnaar. A splendid exhibition variety of a creamy-white with just a faint apple-blossom suffusion; flowers of gigantic size, over 8 inches in diameter and on strong, stiff stems; petals long and peculiarly twisted and curled. A variety which we unhesitatingly recommend as a



CACTUS DAHLIA
MRS. CLINTON

novelty of unusual merit. Plants ready May 1st. \$1.50 each.



Choice Cactus Dahlias

(Continued.)

New York. One of the largest incurved varieties, with long, narrow tubular petals, of a soft salmon-rose color with bronzy shadings. 75 cts. each.

Nibelungenhort. See page 140.

Penelope. A splendid salmon-rose, occasionally showing the tips of petals white, a variety of extra merit. 50 cts. each.

Pierrot. A unique and striking novelty in color, and of unusual grace and refinement in form, being composed of long, tubular, narrow petals, which are of a deep amber color, usually showing white tips. A wonderful exhibition flower and a splendid garden variety. Plants ready May 1st. \$1.50 each.

Pink Pearl. Mallow-pink at base of petals, gradually shading to white at tip. 35 cts. each.

Pompeii. A magnificent variety; pompeian-red with white halo and tips. 50 cts. each.

Prima Donna. Flowers large, with long, twisted petals, centre ones creamy-white, outer delicate mauve-pink. 50 cts. each.

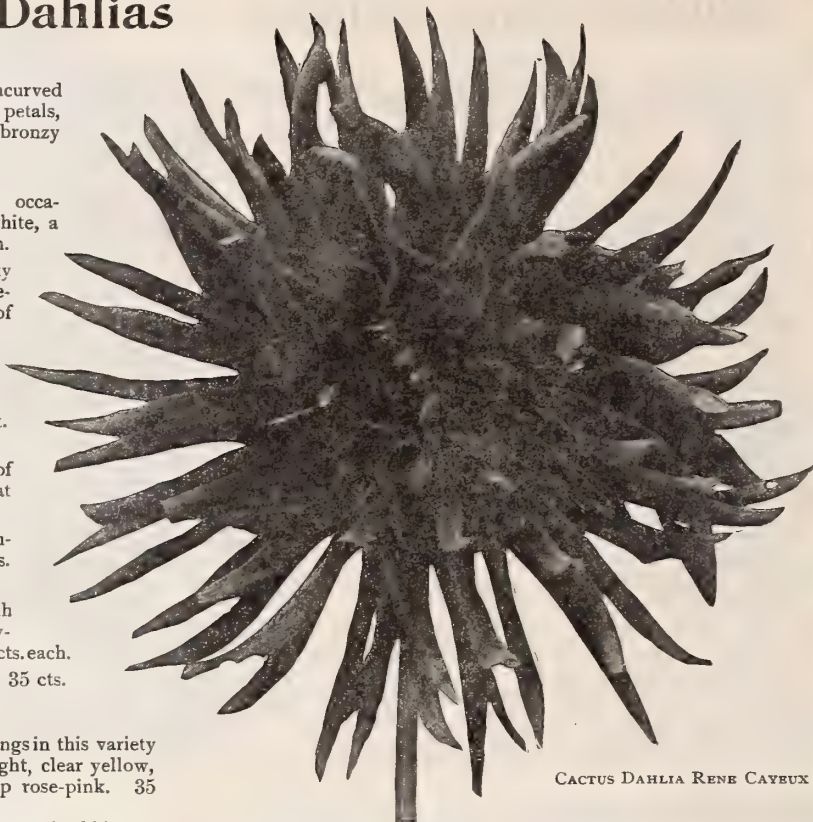
Rekord. A desirable rich oriental-red. 35 cts. each.

Rene Cayeux. See page 142.

Rev. Arthur T. Bridge. The colorings in this variety are extremely handsome, being a bright, clear yellow, heavily tipped and suffused with deep rose-pink. 35 cts. each.

Rev. G. Baker. Very free-flowering; large-sized blooms of a light tyrian-rose. Plants ready May 1st. 50 cts. each.

Rheingraf. A pretty, medium-sized flower of a tender mauve-pink that develops its flowers in sprays, a number of them expanding on the same branch at one time. 50 cts. each.



CACTUS DAHLIA RENE CAYEUX

Rheinischer Frohsinn. A most distinct and refined variety. The flowers are large, of splendid form; the long, incurving petals are white at the base, but at about one-half their length they become suffused with and change to a luminous carmine-rose, the two colors combining harmoniously in forming a most attractive flower. Plants ready May 1st. \$1.00 each.

Rheinkiesel. A splendidly formed, graceful flower with long narrow petals on stiff, wiry stems well above the foliage, of a lively carmine-rose color, deepening towards the centre. 50 cts. each.

Rheinkoenig. See page 140.

Rhein Nixe. A pure white, entirely distinct in form from other white cactus varieties, and which has shown a mass of flowers from early in the season until cut by frost. We shall be surprised if this does not prove to be the best white for garden decoration. \$1.00 each.

Rio Tints. Large, light, airy flowers borne on stiff stems, of a novel tone of color, the centre being lemon-yellow, passing to a yellow cadmium-bronze at edges. 35 cts. each.

Rivalin. Narrow, long incurved petals, of a delicate, tender rose; very free and fine for cutting. 35 cts. each.

Rosa Lepori. Good-sized flowers composed of long incurving petals of a most pleasing shade of light mauve; splendid free habit. 50 cts. each.

Rosennymphe. A broad petalled variety, reminding one in form of a Water Lily, in color a delicate flesh color, shading to a soft rosy-white. 50 cts. each.

Rosa Siegerin. A beautiful flower with long, narrow petals of a tender mauve-pink, shading to nearly white in the centre. 35 cts. each.

Salmon Queen. A splendid large flower with long tubular petals, deep old-rose with a luminous salmon suffusion. 50 cts. each.

Schneekoenigin. A most valuable white of absolute purity; flowers of ideal form, composed of long, accurately arranged petals; a fine cut flower. Plants ready May 1st. 50 cts. each.



CACTUS DAHLIA RHEINKOENIG

Choice Cactus Dahlias

(Continued)

Scorpion. A novelty in form, the petals are so incurved and interlaced as to almost meet in the centre.

The blooms are of medium size, globular, of a clear light-yellow. 50 cts. each.

Sequoia. See page 142.

Serenade. A dainty pleasing flower, a soft blending of rosy-carmine and mauve passing to soft-tinted white at the centre. 50 cts. each.

Sherlock. Orange scarlet with apricot suffusion, one of the pleasing autumn tints; flowers very large on good stems for cutting. 25 cts. each.

Sirene. A hybrid-cactus variety with the base of the petals very broad but tapering to a long point, forming a star-like flower, color rosy-pink, shading to an almost white centre. 50 cts. each.

Soleil Couchant. The most brilliant orange-scarlet; shading to reddish-salmon at the tips. 50 cts. each.

Sonnengold. An excellent garden variety, producing its flowers in greatest profusion, very effective with broad petals of a rich luminous golden-yellow. Plants ready May 1st. 75 cts. each.

Souvenir de Francheville. A large free-flowering salmon-rose with butter-yellow centre, a pleasing soft color combination. 50 cts. each.

Stability. See page 142.

Stormer. Large flowers composed of long, thread-like incurved petals of a rich deep cardinal-red. 35 cts. each.

Strahlen Krone. Intense cardinal-red; rich and glowing. 25 cts. each.

Success. A beautiful incurved pure yellow, with long twisted petals. 35 cts. each.

Tante Mariette. Well formed medium-sized flowers of a bright rosy-carmine. 50 cts. each.



CACTUS DAHLIA
VEYRAT HERMANOS

Thais. The rather broad petals make up an informally-shaped flower; in color a pure white with a soft mauve suffusion which is deposited over the snowy petals like a dew, one of the most delicately colored sorts. 50 cts. each.

The Quaker. A much admired variety, a delicate blending of white and soft flesh-pink, an abundant, free bloomer. Plants ready May 1st. \$1.00 each.

Thos. Obelin. A brilliant fiery-red, of perfect incurved form, produced in greatest profusion. 35 cts. each.

Trojan. Pale yellow outer petals lightly suffused with salmon, and sometimes tipped white. 35 cts. each.

Ulysse. An appealing combination of salmon-rose with golden-yellow suffusion. Petals broad, curling at the tips, flowers of excellent quality, admired by all who have seen it. \$1.50 each.

Unique. Large, deep, attractive blooms of a deep red tipped with white. 50 cts. each.

Veyrat Hermanos. An effective purplish-garnet rich and glowing, broad petals. 35 cts. each.

Viaud Bruant. An entirely distinct, very large, velvety-amaranth; very free. 50 cts. each.

Vivid. See page 142.

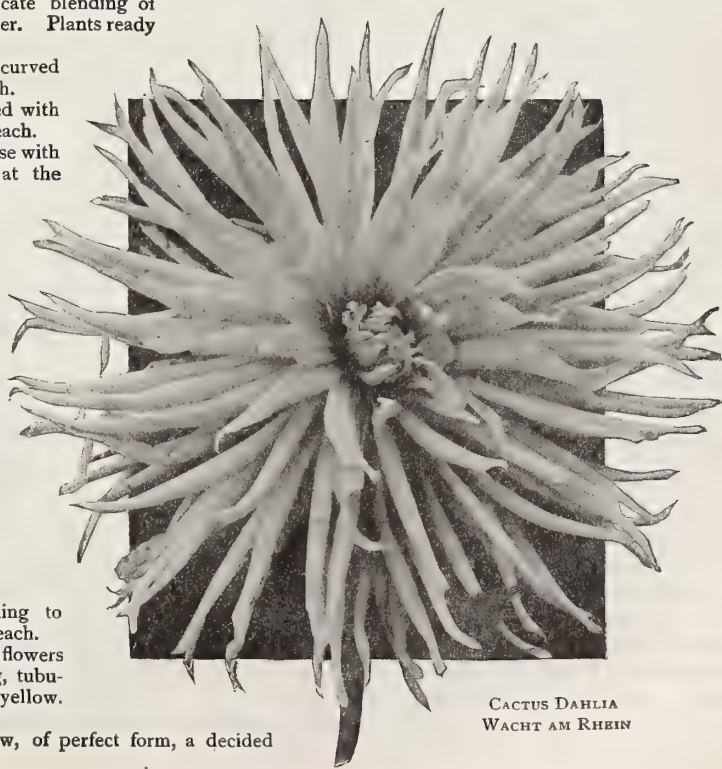
Wacht am Rhein. One of the most beautiful Dahlias in our collection. In color it is of that delicate rosy-pink or shell-pink with white suffusion that appeals to everyone. It is an early, free, and continuous bloomer, with flowers of good quality to the end of the season, these are of good size, held erect on stiff wiry stems making it ideal for cutting, exhibition or garden decoration. \$1.00 each.

Wolfgang von Goethe. See page 140.

Wunderkind. Luminous canary-yellow, shading to white, suffused with flesh at the edges. 25 cts. each.

Yellow Hammer. This is a great Dahlia, the flowers are very large, of perfect form, composed of long, tubular, semi-incurved petals of a bright primrose-yellow. 50 cts. each.

Yellow King. Very free flowering canary-yellow, of perfect form, a decided acquisition. Plants ready May 1st. \$1.00 each.



CACTUS DAHLIA
WACHT AM RHEIN

Dreer's Colossal and Giant Cactus Dahlias



CACTUS DAHLIA, NIBELUNGENHORT

RHEINKOENIG.

There are so many good white Cactus Dahlias that we could not single out any one individual variety as the best; all have distinctive qualifications of their own which make them valuable; however in recommending Rheinkoenig to the amateur who has room for but one white variety we do so knowing that he will not be disappointed in planting it either for garden decoration or for cutting. Its flowers which are over five inches in diameter are of splendid form, and are borne on long stiff stems held well above the foliage, and are of great substance, lasting well when cut. 50 cts. each.

WOLFGANG von GOETHE.

A very large flower, of loose but regular and graceful arrangement that makes it an ideal cut-flower, its color a rich apricot with carmine suffusion and shadings, is bright, yet subdued and soft, showing up particularly well under artificial light. 50 cts. each.

Collection of one each of the above five Colossal and Giant Dahlias for \$3.00.

THREE SUPERFINE DAHLIAS.

The three sorts illustrated on the plate opposite stand at the very pinnacle of their respective types and color. They are classed among the strongest and freest growers, producing freely their huge, perfect flowers under the most ordinary conditions, and should be included in every high-grade collection.

Dreer's White. The finest double pure white Show variety, described on page 147. 50 cts. each.

Hortulanus Flet. A colossal shrimp-pink and gold Decorative, fully described on page 144. 75 cts. each.

Kalif. This grand scarlet Cactus is described on this page. \$1.00 each.

One each of the Three Superfine Sorts for \$2.00.

The five varieties offered under this heading are included in every up-to-date collection. They attract attention at all exhibitions as well as in the fields, where their large size but refined form and their vigorous free-flowering habit and pleasing colors stamps each one a leader in its respective class. We are prompted in this assertion not only as the result of our own observations, but also from the many endorsements and good reports which we have received from enthusiastic admirers all over the country.

ETENDARD DE LYON.

Even the person who classes all shades of purple as so-called malignant magentas stops to admire this beautiful carmine rose giant, which we consider one of the finest varieties for garden decoration. The flowers are of a hybrid cactus type, distinct in shape from all others; the petals are broad, curled and wavy and form a flower fully 6 inches in diameter and 4 inches deep, a very large flower, yet without any stiffness or formality; its color is a rich carmine-rose or Royal purple with a brilliant suffusion difficult to describe.

Its habit of growth is perfect, and for such a large flowering variety it is exceptionally free-flowering. One of our suburban Philadelphia patrons who set out a growing plant about June 15th reported fourteen open and expanding flowers on his plant on October 15th, with still more buds in sight. \$1.00 each.

KALIF.

A truly majestic flower, frequently measuring over 9 inches in diameter, of perfect Cactus form, in color a pure scarlet. The habit of the plant is all that can be desired, growing with us, about 4½ feet high; the gigantic flowers, which are produced very freely are held erect on strong stiff stems, making it a most effective and useful variety for cutting as well as for garden decoration.

We have received many complimentary letters on Kalif. One of our patrons in California, a lady, writes us that she had flowers of it nearly a foot in diameter. \$1.00 each.

NIBELUNGENHORT.

This is another distinct introduction which is always greatly admired, with flowers from 7 to 8 inches across, composed of rather broad, more or less curled and twisted petals of a beautiful shade of old rose with golden-apricot suffusion. Very free flowering on long stems; a fine cut flower. (See cut.) 75 cts. each.



HORIZONTAL

KALIF

DREER'S
THREE SUPERFINE
DAHLIAS

DREER'S WHITE

"THE DREER COLLECTION" OF CACTUS DAHLIAS OF SPECIAL MERIT

This is a selection of twenty-five varieties made with a view of supplying the amateur with an assortment of Cactus sorts, which in our own experience we have found to be the freest-flowering under the most varied conditions of soil and climate, and which can be depended upon to make an early and continuous display in the garden, and at the same time furnish an abundance of choice flowers for cutting. The varieties are all introductions previous to 1915, and have been under observation ample time to establish their superior qualities.

Alpenrose. A fine flower with twisted petals of bright aniline-red, intensified by a golden-yellow suffusion.

Bessie Palliser. Roman ochre suffused with salmon, with a golden sheen at the base of the long petals, which are twisted and curled.

Candeur. A wonderful pure white, which in the fully developed flower more closely resembles an incurved Chrysanthemum than any other sort; a valuable cut flower.

Countess of Lonsdale. A peculiar but pleasing blending of salmon-pink and amber, a color difficult to describe. This is the Dahlia for the million. Blooms freely under all conditions.

Dibs. A bright shade of rose-pink, each petal tipped old-gold, varying greatly in color with changing weather conditions.

Else. A charming variety, with a combination of delicate colors. The base of the petals is of buttercup-yellow, gradually passing to amber; finished with a tip of tyrian rose.

Etoile de France. A dainty little flower about 3 inches in diameter, of a soft rosy-lilac with lighter tips; good stems for cutting; very free-flowering.

Fernand Olivet. Remarkably free-flowering on stiff, wiry stems; brilliant maroon with scarlet shadings, the centre almost black.

Galathea. A medium-sized flower of splendid form, especially appreciated on account of its delicate color, which is an even tender soft pink. We illustrate this beautiful variety on page 136.

General French. Flowers of good size and form, of a pleasing shade of reddish-orange; a favorite cut-flower.

Goldland. A splendid primrose-yellow, of perfect form and very free-flowering.

Graefin von Schimmelmänn. Salmon-rose shading to a yellow centre; long, narrow incurved petals, very free and of exceptional merit.

H. Wearing. Pure salmon passing to bright amber at the base of the petals, which are long, narrow and straight, forming a model flower, which is well shown in the illustration on page 136.

Lawine. White, with just a suggestion of blush as the flower matures; a fine, full, large flower; one of the best. Illustrated on page 137.

Libellule. Of splendid form, sulphur-yellow shaded with capucine red; exceptionally free-flowering.

Lord Minto. Very symmetrical flowers with long quilled petals, which are cleft at the tips; color centre pale yellow, passing to a soft rosy-salmon at the ends of the petals.

Mauve Queen. A dainty variety, formed of long tubular, incurved petals of a pleasing shade of clear mauve, shading lighter towards the centre.

Mrs. Clinton. A splendid free-flowering variety; ground color deep amber, which gradually shades to a rosy-scarlet. Illustrated on page 137.

Mrs. George Caselton. Free-flowering velvety-maroon with striking narrow quilled petals.

Mme. Marie Doucet. One of the freest-flowering; a lovely mauve-pink, passing to a white centre; of good size, with fine stems.

Miss Willmott. Very free-flowering; reddish-apricot, shading to golden-yellow at centre; valuable for cutting.

Rene Cayeux. Brilliant geranium-red; early and free; a great favorite. Nicely shown in the illustration on page 138.

Sequoia. A beautiful variety, with long, tubular petals cleft at the tips, of a deep saffron-yellow, suffused with red; a splendid autumn tint.

Stability. A splendid exhibition flower, with long, slightly incurved tubular petals, of a beautiful shade of aniline-red; free-flowering.

Vivid. A dwarf variety with splendid incurved flowers composed of long incurved petals of the most intense fiery-red color; very free, good stems and fine for cutting.



CACTUS DAHLIA COUNTESS OF LONSDALE

Price. Any of the above 25 cts. each; \$2.50 per doz.; \$18.00 per 100. One each of the 25 varieties for \$5.00.

Select Decorative Dahlias

The Decorative Dahlias are an intermediate form between the Show and Cactus types. Many beautiful varieties have been introduced, some with flat petals, others reflexed, incurved or curiously twisted, but nearly all are without formality or stiffness, and practically all of them are leaders as cut flowers, bearing their large, perfectly formed blooms on long, stiff stems, and standing in good condition longer than most kinds, furthermore, they are of easy culture, and seem to adapt themselves to and succeed under the most varied conditions; a combination which assures their continued popularity.

Auguste Nonin. A very large flower of fiery-red, borne on long, stiff stems; valuable for cutting or garden decoration. 35 cts. each.

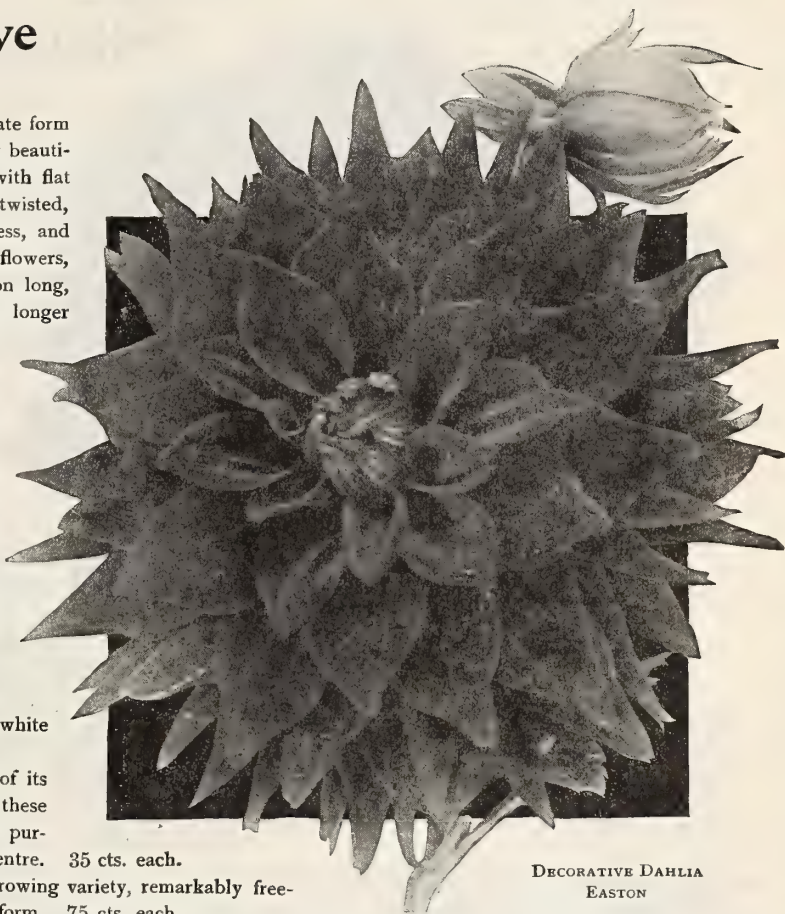
Ayesha. A soft pure yellow, very large perfectly formed flowers on long stiff stems, early and free. The best yellow of this type. \$1.00 each.

Bel Inconstant. Golden yellow, striped and suffused scarlet, sometimes showing white tips; very free. 50 cts. each.

Beloit. Particularly effective on account of its very large flowers, borne on long stems; these are full double, of splendid form, of a rich purplish-garnet, shading deeper towards the centre. 35 cts. each.

Brentwood Yellow. A new, compact growing variety, remarkably free-flowering, deep primrose-yellow of perfect form. 75 cts. each.

Chantecler. Ground color cadmium-yellow, striped, splashed and spotted with deep carmine-red; a very pretty fancy variety. 25 cts. each.



DECORATIVE DAHLIA
EASTON

Crown of Gold. A brilliant glowing Chinese-orange with golden suffusion, rich and pleasing. 25 cts. each.

Delice. The most popular pink variety. Its beautiful soft, yet lively color, a glowing rose-pink, together with its perfect shape, stout, stiff stems, and the fact that when cut it retains its freshness for a long time, makes this one of the most valuable for cutting or decorative sorts in the garden. 35 cts. each.

Easton. Not an extra large flower, but a variety of brilliant color, good form and remarkable free-flowering habit, in color it is a brilliant Turkish or Oriental red. 25 cts. each.

Eventide. A splendid flower of perfect form and large size, on long, stiff stems, which for all purposes may be termed a white Dahlia, there being but the faintest flush of delicate rose on the edge of the flower, which seems to intensify its pureness. 25 cts. each.

Faust. A large exhibition flower of a deep morocco-red shading to a light rosy-carmine at base of petals; a meritorious free-flowering variety. 75 cts. each.

Flamingo. As a cut flower this ranks with Delice; the flowers held erect on stiff stems are of a rich and glowing rose-pink, while it frequently shows an open centre; this does not detract from its beauty. 50 cts. each.

F. L. Bassett. Carmine-purple, shading deeper at the centre. 25 cts. each.

Frau Geheimrath Scheiff. Perhaps the most admired of all of the newer decorative varieties. Color a bright lively chamois with just a faint suggestion of orange suffusion. Petal arrangement quite distinct, often showing the coppery orange of the reverse by their peculiar twisting. We recommend this as one of the best new acquisitions. Plants ready May 1st. \$1.50 each.

Gaiety. A good variegated or fancy variety; in color a bright strawberry-red, each petal having a broad band of white through the centre. 35 cts. each.

Gloire Lyonnaise. A bright golden-yellow flamed with rosy carmine at the points; very effective. 35 cts. each.



DECORATIVE DAHLIA
EVENTIDE

Select Decorative Dahlias

(Continued.)



DECORATIVE DAHLIA MANZANOLA

Greuze. A large flower of graceful form, of a soft creamy white color. 50 cts. each.

Guillaume de St. Victor. A good sized, beautiful mauve-rose, of fine finished form, 50 cts. each.

Hortulanus Fiet. A colossal flowered variety with blooms over eight inches in diameter, of the most delicate shade of shrimp pink, the tip of each petal barely touched with gold. The entire flower has a suffusion of delicate tints of red and yellow, which gives a glow yet softness of color difficult to describe. Illustrated in connection with two other Dahlias on plate page 141. 75 cts. each.

Hortulanus Witte. A very large long stemmed, free-flowering pure white, a splendid cut flower and exhibition variety. 50 cts. each.

Jack Rose. Brilliant crimson-red, similar in shade to the popular "Jack" Rose, which suggested its name; perfect for garden decoration or for cutting. 20 cts. each.

Jeanne Charmet. A splendid cut flower variety of a pleasing shade of violet-rose on a lighter ground. 35 cts. each.

Jean Wood. Probably a seedling of Mme. Van den Daele and similar in color, a delicate silvery-rose, but a much shapelier flower than its parent, being of true decorative form. 50 cts. each.

J. J. Johnson. Dull velvety maroon shading to almost black at the centre. One of the first to flower in our fields. 35 cts. each.

Kaiserin Augusta Victoria. The first of the decorative sorts to come into flower, of medium size, good form and pure white color. Plants ready May 1st. 35 cts. each.

Le Grand Flanitou. The best variegated Dahlia of the decorative type. The ground color white, prettily spotted, striped and blotched with deep reddish-violet; occasionally self-colored; these are borne on stout, stiff stems, held well above the foliage. 50 cts. each.

Lyndhurst. Brilliant cardinal-red. A fine cut flower. 25 cts. each.

Maman Charmet. A noble exhibition flower, of a rich crimson-carmine, showing lighter rose-colored markings. \$1.00 each.

Maman Rozain. Flowers very large size, but graceful, of a pearly-white suffused with rose, reverse of petals velvety-purple edged with white; a most distinct and novel variety. 50 cts. each.

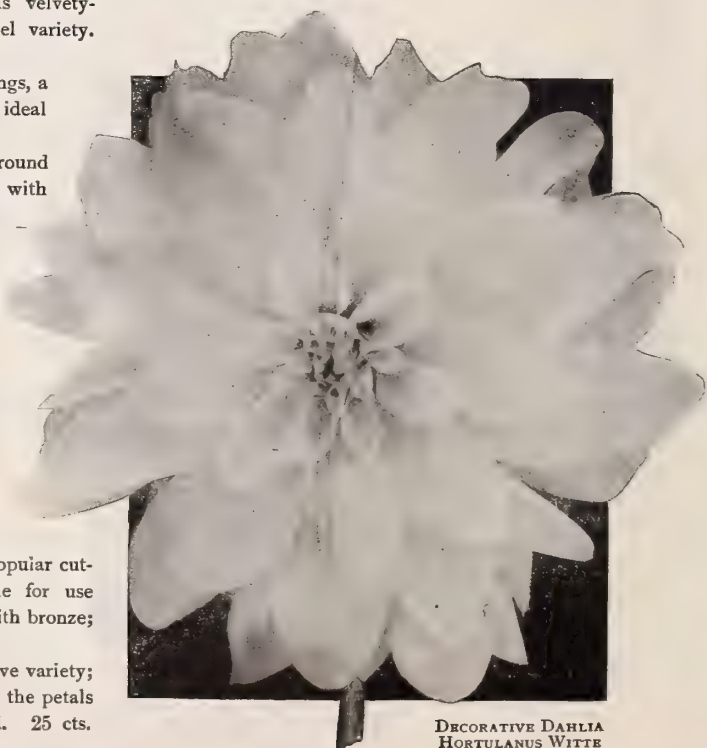
Manzanola. Brilliant oriental-red with deeper shadings, a fine shaped flower with good stem, very free and ideal for cutting. 25 cts. each.

Meteor. An attractive, showy, fancy variety; the ground color a brilliant cardinal-red, edged and marked with primrose-yellow. The flowers are not large, but are of perfect form and very freely produced on long, stiff stems. 50 cts. each.

Mina Burgle. One of our California friends, an enthusiast on Dahlias, called our attention to this variety three years ago, and we have been greatly pleased with our trials of same, it being one of the freest flowering decorative varieties in our fields: thirty large, perfect, open flowers on one plant at a time being not unusual; in color it is a rich luminous dark scarlet, on long stiff stems, splendid both for cutting and garden decoration. 50 cts. each.

Miss Minnie McCullough. One of the most popular cut-flower varieties now grown; particularly valuable for use under artificial light. Color soft yellow, overlaid with bronze; a beautiful autumnal tint. 25 cts. each.

Mme. A. Lumiere. A very distinct and attractive variety; ground color white, suffused towards the ends of the petals with red, the tips pointed with bright violet-red. 25 cts. each.



DECORATIVE DAHLIA
HORTULANUS WITTE

Select Decorative Dahlias

(Continued.)

Mme. Mary Collet. Flowers of a beautiful coppery-yellow, with golden suffusion. One of the much admired tints. 50 cts. each.

Mme. Van den Daele. A charming soft rose with deeper markings, shading to white in the centre; a beautiful sort for cutting. 25 cts. each.

Mont Blanc. An early, free, continuous flowering creamy-white on good stiff stems. One of the most important cut-flower varieties. 25 cts. each.

Mrs. Charles Breck. A beautiful variety; soft yellow, suffused with carmine; very free-flowering. 75 cts. each.

Mrs. C. W. Bassett. A pleasing, delicate mauve-pink, exceptionally free-flowering on good stiff stems; fine for cutting. 35 cts. each.

Mrs. Charles L. Seybold. Ground color crimson-carmine, each petal tipped and more or less marked with white; produced very freely. 35 cts. each.

Mrs. J. Gardner Cassatt. A large-flowered variety of elegant shape; mauve-pink of a shade that is very pleasing in a Dahlia; a fine cut flower. 25 cts. each.

Mrs. Roosevelt. Of immense size and remarkably free-flowering; color a delicate silvery-rose, which is very attractive when cut. 50 cts. each.

Newport. Early in the season a soft delicate rose; as the season advances it becomes a luminous light rosy-pink, the first flowers of true decorative form, while later it partakes more of the Pæony shape; early and remarkably free-flowering, and entirely distinct. 50 cts. each.

Oregon Beauty. A brilliant gorgeous flower that attracts much attention on account of its rich color, an intense Oriental-red with golden sheen and garnet suffusion. Produces its large flowers on long stems in the greatest profusion. A splendid garden variety. 50 cts. each.

Ouray. Rich, deep velvety-maroon of good form; very free-flowering. 35 cts. each.

Parasol. Large, full flower of a cheery canary-yellow, tipped white, occasionally comes self-colored; good habit and very free. Plants ready May 1st. 50 cts. each.



DECORATIVE DAHLIA
SOUVENIR DE GUSTAVE DOAZON

Perle de Lyon. A most valuable white Decorative Dahlia, and one of the best whites of any class for cut flower purposes; its flowers are of good size, and held erect on long, stiff, wiry stems. 25 cts. each.

Prince Danilo. Refined flowers of medium size; ground color a creamy-salmon deeply suffused with carmine-rose. 35 cts. each.

Princess Juliana. While we cannot agree with the European growers that this new sort is in white as important as *Delice* is among the pink varieties, we must admit it is one of the very promising cut-flower sorts, and on account of its early and free-flowering habit and neatly formed flowers will be appreciated by the amateur. 25 cts. each.

Priscilla. Good-shaped flowers of a pleasing violet-rose color on good stiff stems; an attractive garden variety. 50 cts. each.

Red Flamingo. Mammoth flowers of a rich, luminous crimson-red; the broad, wavy petals are unique, forming a flower of unusual attractiveness; excellent habit and very free. \$1.00 each.

Souvenir de Gustave Doazon. Of mammoth proportions, which under ordinary cultivation, will produce flowers 6 inches across, and can be grown to measure full 9 inches. It is of free growth, remarkably profuse flowering and pure red in color. 25 cts. each.

Sylvia. Soft, pleasing mauve-pink, gradually changing to white in the centre; a fine cut flower. 25 cts. each.

Telemaque. White striped and blotched with velvety-crimson; flowers of perfect form, strong and free. Plants ready May 1st. 50 cts. each.

Tenor Alvarez. A large flower of reddish-violet striped and blotched purplish-brown; very free. 50 cts. each.

William Agnew. Rich, dazzling carmine-red. A standard cut-flower variety. 25 cts. each.

Yellow Colosse. Flowers of very large size, of perfect form; pure primrose-yellow. 35 cts. each.

Xantho. A very distinct and gracefully-formed flower sulphur-white, which sometimes late in the season becomes suffused or shaded with lively rose. 50 cts. each.

Zeppelin. Entirely distinct; a pleasing soft shade of violet-mauve with silvery suffusion; flowers of medium size, of good form and very free-flowering. 50 cts. each.



DECORATIVE DAHLIA
MONT BLANC



PAEONY-FLOWERED DAHLIAS

This beautiful type is now very popular. The artistic flowers are very large, and are best compared to the semi-double Pæonies in general form. They all flower very freely, and are borne on long, strong stems, making excellent material for cutting, as well as for garden decoration. The varieties offered include the best of the standard sorts as well as the latest introductions.

America. A beautiful Dahlia; pure shrimp-pink with golden suffusion; habit ideal; very free-flowering. 50 cts. each.

Andrew Carnegie. A fine, lively rose-pink. 35 cts. each.

Avalanche. A splendid pure white, large but of graceful form, probably the best white of this type yet introduced. 75 cts. each.

Beaute de Soir. A rich combination of rosy-scarlet, carmine-lake, and currant-red with more or less golden suffusion, giving the whole a pleasing, fantastic, variegated appearance, and particularly so under artificial light; very free-flowering. 50 cts. each.

Berch van Heemstede. Primrose-yellow with rich golden sheen, flowers of medium size; very free. A worthy companion to Geisha. 50 cts. each.

Bertha von Suttner. Exceptionally large flowers of salmon pink with yellow suffusion. 35 cts. each.

Britannia. An exhibition flower of rare merit, large and showy, of a luminous light lilac. 75 cts. each.

Caecilia. Very large; early in the season, a lemon yellow, but as the season advances, a creamy white with yellow sheen in centre. 50 cts. each.

Chatenay. A splendid flower on long stiff stems, of a soft carmine-rose shaded crimson. 50 cts. each.

Chevreffeille. Base of petals yellow, gradually passing to apricot and rose, with citron-yellow points.

Colonel Cody. Deep apricot buff with salmon-pink shadings. 35 cts. each.

Comte de la Vaule. A large flowered, free and showy garden variety of a rich carmine. 35 cts. each.

Dr. Peary. One of the darkest, a brilliant reddish mahogany. 35 cts. each.

Durban. Ground color lemon-yellow heavily suffused with rosy-salmon. 50 cts. each.

Feldberg. A splendid large white.

Fritzmann. A brilliant geranium-red, and frequently producing flowers which are variegated white.



PAEONY-FLOWERED
DAHLIA
MONDSCHIEBE

Geisha. The showiest and most attractive of this type yet introduced; the rich colored flowers are original in form, consisting of peculiarly twisted and curled petals, of an effective and rich combination of scarlet and gold. 50 cts. each.

Germania. Brilliant strawberry-red; a very artistic flower.

Hampton Court. One of the best; a bold flower of good form, of a bright mauve-pink. 35 cts. each.

Harrismith. Deep bright pink, shading lighter towards the tips, and a trace of gold in the centre. 50 cts. each.

John Green. Yellow, quickly passing to fiery scarlet, one of the finest. 50 cts. each.

John Wanamaker. Very free-flowering with broad, peculiarly curled and twisted petals of a pleasing shade of violet-mauve. 50 cts. each.

Leo XIII. A deep canary-yellow, entirely distinct in form, large, very free-flowering and a valuable sort for cutting. 75 cts. each.

Magnet. Rose, suffused with white. 35 cts. each.

Mme. Coissard. Crimson passing to a white centre, flowers very large and attractive. \$1.00 each.

Mondscheibe. Another splendid yellow, entirely distinct from Leo XIII, being still greater in size and of a deeper color, remarkably free-flowering. Visitors to our fields noted both varieties. 75 cts. each.

Mrs. Violet Beamish. A gracefully arranged flower of a beautiful shade of heliotrope with silvery reflex. 50 cts. each.

Porcupine. White ground, flushed soft rose. 75 cts. each.

Propaganda. A splendid flower, primrose yellow, rosy-salmon suffusion. 35 cts. each.

Riesen Edelweiss. Pure glistening white, frequently 6 inches across. 50 cts. each.

Roem van Nykerk. A charming variety of free habit of flowering, of a deep claret-purple. 50 cts. each.

Seduction. A fine lively rose-pink on good stems. 50 cts. each.

Virgillea. Medium sized good flower, rich geranium red. 35 cts. ea.

Price. Any of the above, except where noted, 25 cts. each; \$2.50 per doz.

Collection of one each of the 33 varieties offered above for \$12.00.



PAEONY-FLOWERED DAHLIA
ANDREW CARNEGIE

Dreer's Choice SHOW AND FANCY DAHLIAS

This is the old-fashioned densely double type which will always have many admirers; they are very free, early and continuous bloomers and are splendid for cutting.

A. D. Livoni. A splendid clear pink, beautifully quilled, of perfect form and very free-flowering.

Arabella. Light sulphur-yellow, shaded peach-blossom on edges; a fine flower.

Caleb Powers. Delicate soft shell-pink of splendid form; remarkably free-flowering, long stems; fine for cutting. 50 cts. each.

Chameleon. Flesh-colored centre, shading to crushed-strawberry, with yellowish blending.

Cuban Giant. Immense ball-shaped blooms of bright maroon; free and early.

Dorothy Peacock. Large, perfect shaped flowers of a bright sea-shell pink color; very early, free and continuous blooming.

Dreer's White. Introduced by us in 1909. In color a pure glistening white, resembling in form Grand Duke Alexis, while in freedom of flowering it is not surpassed by any. It has succeeded in all parts of the country, has been much admired at the exhibitions where shown, and has in most cases been awarded the premier prize as the finest white show variety. 50 cts. each.

Dreer's Yellow. It is with pleasure that we offer this as "The Best Yellow Show Dahlia yet sent out." It is a good grower, an early and profuse bloomer. In general form and make up the flowers resemble Dreer's White, which suggested its name, but they are larger, frequently over seven inches in diameter, yet without any coarseness, it having a refined appearance at all stages of development. The flowers when fully matured are perfect balls in shape, and are held rigid and erect on long, stiff stems, making it an ideal cut flower, and equally as valuable for garden decoration. 75 cts. each.

Emily. Solferino with white markings; very large and free-flowering.

Imperial. A free-flowering, deep purplish-maroon.

Merlin. A splendid free-flowering orange-scarlet.

Miss Minnie Vosburg. One of the freest-flowering white show varieties yet introduced, coming into bloom early and continuing of good quality till the end of the season.

Norma. Large, perfectly quilled flowers of an exquisite shade of a live, bright orange.

Peeress. Buttercup yellow with heavy tip of deep fiery-red.

Princess Victoria. A sterling variety of medium size; the earliest and freest-flowering primrose-yellow; in bloom early and late; long, stiff stems; fine for cutting.

Professor Mansfield. Rich yellow; clear white tips and rosy-red towards the centre. Like all fancy varieties the color is very variable.

Red Hussar. Pure cardinal-red.

Robert Broomfield. A good pure white double flower; very free.

Stradella. Beautiful deep purple-crimson; exceptionally free-flowering on long, wiry stems.

Triomphe de Solferino. Bright solferino-red; dwarf, free-flowering.

Yellow Duke. A splendid primrose-yellow of good form.

Price. Any of the above, except where noted, 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

Collection of one each of the above 21 varieties for \$5.00.



SHOW DAHLIA "DREER'S YELLOW."

Double Pompon Dahlias

While the Pompon varieties are not as extensively grown as the other double types they still have many admirers, their dainty little flowers are produced very freely.

Amber Queen. Rich, clear amber shaded apricot.

Annie Doncaster. Light yellow, base suffused with pearly pink.

Bobby. Plum color, one of the best.

Catherine. Well formed primrose yellow.

Darkness. Deep velvety-maroon.

Fascination. Pink and lavender blotched white.

Gretchen Heine. Ground color rose tinted white, heavily tipped crimson.

Helene Lambert. A splendid free-flowering yellow.

Indian Chief. Crimson, very free.

Kleine Domitea. Orange buff; always in flower.

Little Bessie. Creamy-white, closely quilled.

Phoebe. Orange tipped crimson.

Prince Charming. Cream heavily tipped purple.

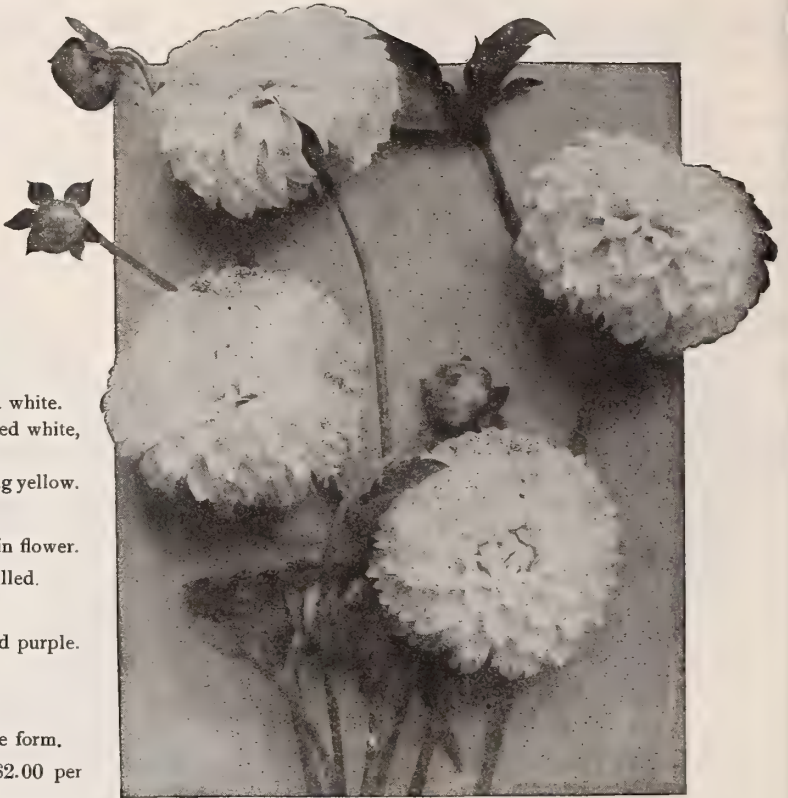
Snowclad. A fine pure white.

Sunbeam. A fine crimson.

Ware's Mars. Beautiful deep red of fine form.

Price. Any of the above, 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

Collection of 1 each of the 16 Pompon Dahlias for \$2.50.



DOUBLE POMPON DAHLIAS

COLLERETTE DAHLIAS

Anyone only familiar with the first introductions of this type can form no idea of the beautiful artistic blending of soft and rich colors which is found in most of the newer sorts. All have single flowers with an additional row of short petals around the disc, forming a frill or collar, which is usually of a different color from the rest of the flower.

Ami Nonin. Dark crimson-carmine, collar white, very large.

Balmoral. Deep aniline-red shaded purple, with long narrow white collar petals.

Burgomaster Seifert. Velvety brown-red with yellow collar. 35 cts. each.

Comte Cheremeteff. Vermilion-red shaded to orange at creamy-white collar.

Dainty. Soft rose, deepening to carmine centre, lemon-yellow collar.

Diadem. Very large, brilliant carmine-rose, collar white with light carmine markings.

Exposition de Lyon. Bright garnet, yellow collar.

Fairy Queen. Light clear yellow with white collar.

Harmony. Primrose-yellow marked soft purple, collar yellow.

Kimmerling. Dark luminous carmine, yellow twisted collar. 50 cts. each.

Maurice Rivoire. Ox-blood red and white fringed collar.

Mme. Capron. Brilliant reddish-purple, collar striped white.

Mme. E. Poirier. Deep purple suffused with lighter shades, which gives it a violet-blue effect; collar white. The nearest approach to a blue.

Mme. Gyax. Bright cochineal-red, primrose-yellow collar.

Rosette. Giant size, velvety cerise suffused white, white collar.

Signorina Rosa Esengrini. Bright lemon yellow marked with orange-scarlet, collar bright lemon-yellow.

Souvenir de Chabanne. Lemon-yellow with coral red markings, collar lemon-yellow tipped white.

Valentine. Rich deep yellow, collar sulphur yellow.

Price. Any of the above choice varieties, except where noted, 25 cts. each; \$2.50 per doz.

A collection of one each of the 18 sorts for \$4.00.



COLLERETTE DAHLIA MAURICE RIVOIRE



Single, Century and Duplex Dahlias

All the single Dahlias flower very profusely from early in the Summer until cut by frost, they furnish an abundance of choice artistic blooms for cutting and decorative work. Under this heading we also include the Century type of singles which have flowers from 4½ to 6 inches in diameter as well as the Duplex Century, which differ from the type in usually having two rows of petals.

Blackbird. (*Single.*) Black velvety-maroon with a bright red spot at the base of each petal. 20 cts. each.

Bessie Clark. (*Duplex Century.*) Perfect in habit of growth and freedom of bloom; early in the season it is almost self-colored, a pretty mauve-pink, this as the season advances deepens towards the edges and lightens at the centre which becomes surrounded by a golden suffused halo. 50 cts. each.

Blanche. (*Century.*) Pale-yellow at the base faintly tipped pink with a cast of pure white over the whole flower. One of the most delicate and

pleasing. 25 cts. each.
Hazel Helter. (*Century.*) Bright crimson-carmine with deeper shadings, base of petals canary-yellow. 25 cts. each.
Jack. (*Century.*) Brilliant fiery scarlet, the base of the petals overlaid with golden-yellow; the freest flowering Dahlia grown. 25 cts. each.

Mrs. J. C. Hance. (*Century.*) One of the prettiest, very large, well-rounded flowers; early in the season it is white slightly flushed and tipped with soft rose-pink, later in the season the entire flower is a tender rose-pink. 25 cts. each.

Poinsettia. (*Duplex.*) The name of this variety was suggested both by the form of its petals and the brilliancy of its color to the well known rich scarlet Christmas flower. 50 cts. each.

Rose-Pink Century. Flowers 6 inches and over in diameter, of a clear rose-pink color; a strong grower with long stiff stems, fine for cutting. 25 cts. each.

Scarlet Century. Brilliant scarlet, golden disc. 25 cts. each.

Snowflake. (*Single.*) Very free-flowing, pure white. 35 cts. each.

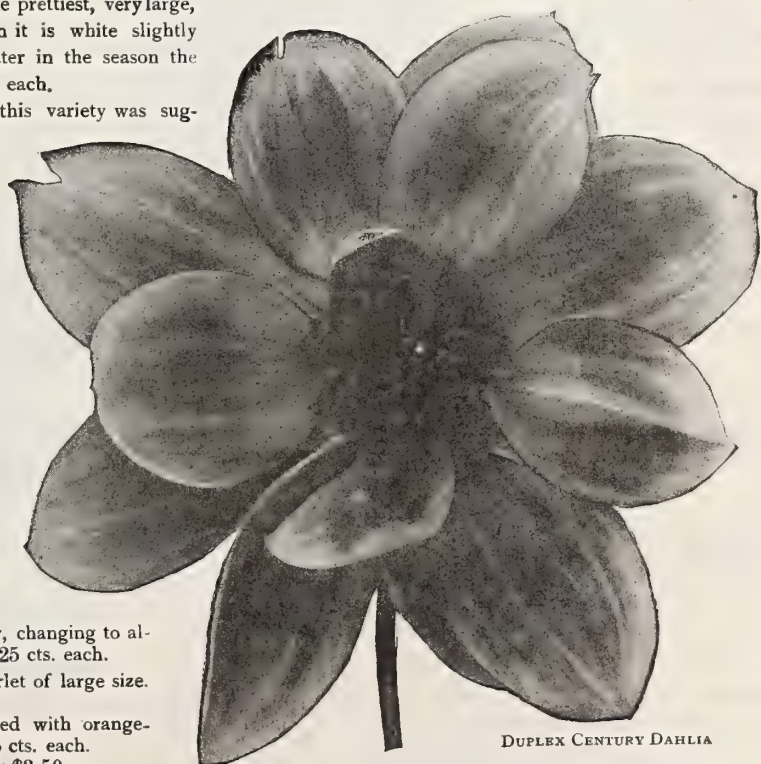
St. George. (*Single.*) A pretty primrose-yellow. 25 cts. each.

Twentieth Century. Early in the season an intense rosy-crimson, shading gradually to almost white on the edges and a light halo around the disc. As the season advances the flowers become lighter, changing to almost pure white suffused with soft pink. 25 cts. each.

Wildfire. (*Single.*) Brilliant poppy-scarlet of large size. 20 cts. each.

Wildfire Century. Brilliant cochineal-red with orange-scarlet suffusion, habit dwarf and free. 25 cts. each.

One each of the above 14 varieties for \$3.50.



DUPLEX CENTURY DAHLIA

DIEFFENBACHIAS.

Handsome decorative plants, with bold ornamental foliage; useful for the warm conservatory.

Baumanni. Rich deep green leaves, blotched with irregular markings of light pea-green.

Leonei. An effectively marked new variety with large leaves, apple-green ground-color, irregularly bordered and blotched with dark drab-green.

Magnifica. Shining sombre green foliage, variegated with white blotches and spots.

Price, 50 cts. each. Set of three sorts, \$1.25.

Dreer's Decorative Dracaenas

This plant is better adapted to the greenhouse, or conservatory in which the temperature and moisture can be controlled, than it is to the window garden, where the air is almost always dry and the temperature fluctuating. Such varieties, however, as *Fragrans*, *Massangeana*, and *Indivisa* can be grown quite satisfactorily in the living room.

The *Dracæna* should be given a light, fibrous soil, with just enough loam in it to give it a body. Drainage should be good. The watering should be liberal and showering frequent. The variegated sorts require plenty of light to bring out the richness of their coloring.

STANDARD VARIETIES.

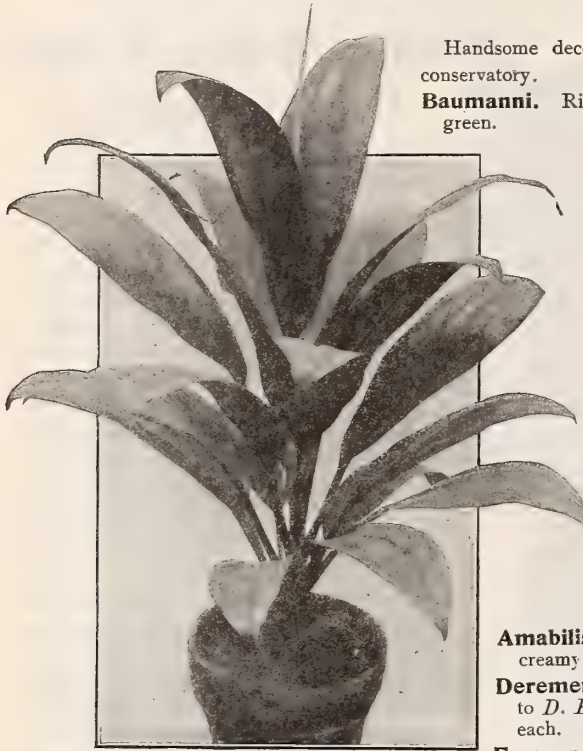
Amabilis. Foliage bright glossy green, marked and suffused with pink and creamy white. 50 cts. and \$1.00 each.

Deremensis Warnecki. Habit of growth and form of foliage similar to *D. Knerki* but prettily variegated with white stripes. 50 cts. and \$1.00 each.

Fragrans. An excellent house plant, with broad dark green foliage; grows under the most adverse conditions. 25 cts., 50 cts., and \$1.00 each.

Godseffiana. Entirely different from all other *Dracænas*; of free-branching habit, forming compact, graceful specimens. Its foliage is of strong, leathery texture; rich, dark-green color densely marked with irregular spots of creamy-white, 3-inch pots, 25 cts. each.

Imperialis. Robust growing, dark-green foliage, with bright pink shadings and edgings in the young growth. 50 cts. and \$1.00 each.



DRACÆNA

Indivisa. This variety is used very extensively as a centre plant for vases, porch and window boxes, etc. It stands full exposure to the sun, and its long, narrow, graceful foliage contrasts beautifully with other plants. 25 cts., 50 cts. and \$1.00 each.

Knerki. Dark glossy green leaves, makes a bold specimen, and is a good house plant. 50 cts. and \$1.00 each.

Lord Wolseley. Long, recurving bronze foliage with crimson edges. 50 cts. and \$1.00 each.

Massangeana. A beautiful variegated form of *Fragrans* with broad green foliage, with a broad, golden-yellow band through the centre of each leaf. 50 cts. to \$1.50 each.

Rothiana. Recurved glaucous green foliage. 50 cts. to \$1.00 each.

Sanderiana. A graceful variety with glaucous green foliage, edged with a broad border of creamy-white. 25 cts. each.

Superba. A graceful plant with narrow bronze foliage, the young leaves bright carmine. 50 cts. and \$1.00 each.

Terminalis. Rich crimson foliage; marked with pink and white. 30 cts., 50 cts. and \$1.00 each.

ECHEVERIA.

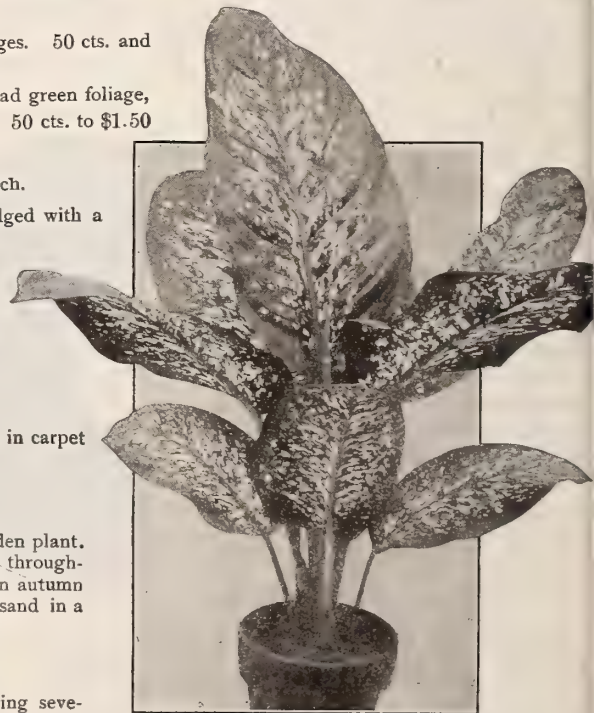
Secunda glauca. The blue-green leaved variety so much used in carpet bedding. 15 cts. each; \$1.25 per doz.; \$8.00 per 100.

ERYTHRINA (Coral Plant).

Cristi-galli compacta. A most effective summer flowering garden plant. Should be planted out after danger from frost is past, and produces throughout the summer large spikes of brilliant crimson-scarlet flowers. In autumn the top should be cut back and the roots stored in dry soil or sand in a frost-free cellar. Strong roots, \$1.00 each.

EUCHARIS.

Amazonica. A splendid hothouse plant. It sends up stalks bearing several pure white star-shaped flowers, 4 inches across, delightfully fragrant, and highly prized as a cut flower. 35 cts. each; \$3.50 per doz.



DIEFFENBACHIA

EUGENIA.

Microphylla. A pretty little plant with small dark green foliage, excellent for Fern dishes or window garden. 50 cts. each.

EURYA.

Latifolia Variegata. An evergreen Shrub with rich, dark green foliage, which is beautifully variegated with creamy white; an excellent plant for house decoration. 75 cts. each.

FARFUGIUM.

Grande (Leopard Plant). This is an extremely ornamental plant.

Its large, circular leaves, thickly spotted with creamy white and yellow, make it wonderfully effective for room decoration. It likes a soil of loam and mucky matter, half and half, with a good deal of water. Ample provision, however, should be made for drainage. Once a month apply a fertilizer, as it is a gross feeder when allowed to have its way. Keep it in the shade. 25 cts. each; \$2.50 per doz.

Argentum. A rare variety, with glaucous green foliage, which, instead of being spotted, is edged with creamy-white; very pretty. (See cut.) 50 cts. each.



FARFUGIUM ARGENTUM

FITTONIA.

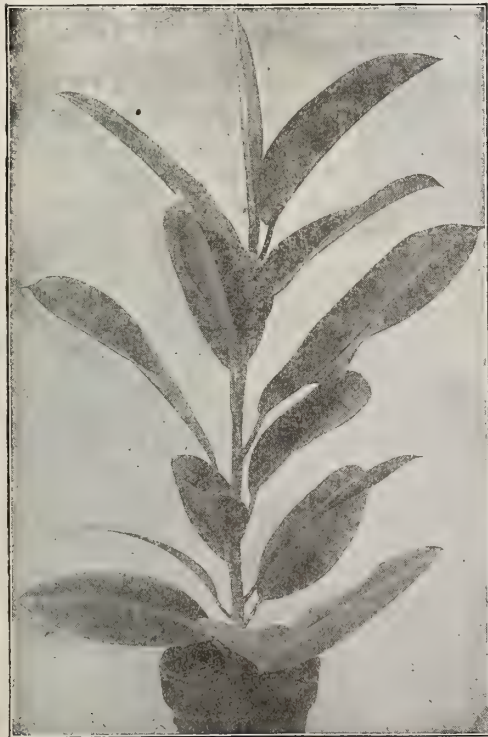
Trailing plants, with handsome variegated foliage; most useful in the conservatory for planting on surface of pots or tubs containing specimen plants.

Argyroneura. Vivid green, with network of pure white veins. 25 cts. each.

Verschaffelti. Bronzy-green with pink variegation. 25 cts. each.

BEFORE ORDERING

Please read what we say regarding shipping plants on page 119.



FICUS ELASTICA (RUBBER PLANT)



FUCHSIA

FICUS (Rubber Plant).

Altissima. In general appearance similar to F. *Elastica*, but with smaller dark green, glossy foliage, with white veins. 50 cts. each.

Elastica. The well known Rubber Plant. 4-inch pot, 10 inches high, 50 cts. each; 5-inch pot, 15 inches high, 75 cts. each; 6-inch pot, 24 inches high, \$1.00 each.

Lutescens (Mistletoe Fig). Interesting on account of its bearing at each leaf axil a small fig, which, at first green, changes to a pale yellow; the dark green foliage is small, the whole plant reminding one of a branch of mistletoe. 35 cts. each.

Pandurata (The Majestic Rubber Plant). A truly majestic plant. Its gigantic leaves, which frequently measure 10 inches in width by 15 inches in length, are irregular in outline, and of a rich, deep green, of remarkable substance, enabling the plant to flourish under the

most unfavorable conditions. One of the finest foliage plants. Specimen plants, 2½ feet high, \$3.00 each; 4 feet high, \$5.00 each.

Repens. A trailing or creeping variety, with small foliage; useful for baskets, covering greenhouse walls, etc. 25 cts. each.

— **Minima.** A variety of the above with much smaller leaves. 25 cts. each.

Utilis. Entirely distinct and unlike the popular Rubber Plant, yet possessing the same hardiness. The leaves are thick and leathery, from 9 to 10 inches long, one-half as wide, of a rich holly green, with midrib and principal veins of an ivory-white. Strong plants, 75 cts. each.

FUCHSIAS.

Well-known favorites for planting out in partially shaded-positions during the summer or for early spring-flowering in the window or greenhouse. The following is a selection of six of the finest varieties. Those marked with a "*" are double-flowering.

Black Prince. Bright, waxy, carmine sepals and pink corolla.

Ernest Renan. Sepals white, reddish-purple corolla.

***Lord Byron.** Red sepals and rich royal purple corolla.

***Mme. Van der Straus.** Scarlet sepals and fine double white corolla.

Speciosa. Long pale red tube and sepals, dark red corolla.

***Tenor.** Sepals red and double purple corolla.

Price, 15 cts. each; \$1.50 per doz. Set of 6 sorts, 75 cts.



ASPLENIUM NIDUS AVIS (Birds' Nest Fern)

CYRTOMIUM ROCHFORDIANUM COMPACTUM.

(Silver Medal Holly Fern.)

A splendid compact growing form of Rochfordianum, and for which we were awarded a Silver Medal at the National Flower Show, Philadelphia, March, 1916. (See cut.) 4-inch pots, 25 cts. each.

POLYPODIUM MANDAIANUM.

This beautiful Fern originated as a seedling of *P. Aureum* and is similar in habit of growth to its parent, producing on well-grown plants fronds from 2 to 3 feet long, on which all of the pinnæ are beautifully fringed or lacinated; entirely distinct from all other varieties. 4-inch pots, 50 cts. each.

Polypodium Glaucum Cristatum.

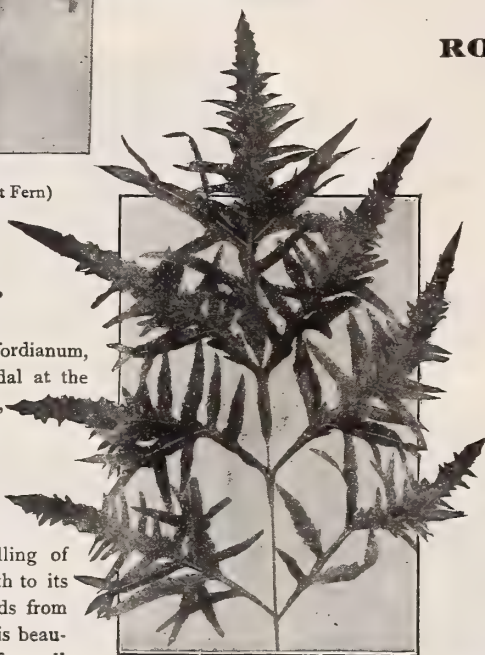
A perfect gem and entirely distinct from all other Ferns, and a splendid subject to grow into specimen plants; the fronds attain a height of about 2 feet, and are of a metallic glaucous blue color, with the edges of the pinnæ wavy and crispate, giving the plant a graceful, unique appearance. \$1.00 each.

PTERIS CHILDSI.

The most beautiful of all the Pteris. The fronds are large, with the pinnæ deeply dentated and undulated on the edges and crested tips. 4-inch pots, 50 cts. each.

PTERIS RIVERTONIANA.

One of the most distinct and desirable of the many crested forms of Pteris that are now offered. Awarded a Silver Medal at the National Flower Show, Philadelphia, March, 1916. (See cut.) 3-inch pots, 25 cts. each; 4-inch pots, 50 cts. each.



PTERIS RIVERTONIANA

DREER'S FINE FERNS. NEW AND RARE SORTS.

Adiantum Farleyense Gloriosum.

(Ruhm von Mordrecht, or Glory Fern.)

An easy-growing form of that most beautiful of all Maiden-Hairs, *Adiantum Farleyense*, which, on account of its special requirements in atmospheric and temperature conditions, has been limited in its cultivation to specialists. This variety, which is almost identical may be successfully grown under the same conditions as any ordinary form of the Maiden-Hairs, a decided and great advantage. Good plants in 3-inch pots, 25 cts. each; \$2.50 per doz. 4-inch pots, 50 cts. each; \$5.00 per doz. 6-inch pots, \$1.50 each.

ASPLENIUM NIDUS AVIS.

(The Birds' Nest Fern.)

An interesting species, with large, dark-green foliage. (See cut.) 4-inch pots, 50 cts. each.

CYRTOMIUM ROCHFORDIANUM.

(Crested Holly Fern.)

Next to the Boston Ferns, the Holly Fern is the most satisfactory for apartment use, and this variety has made a place for itself in the first rank as a decorative plant. Its foliage is of rich, glossy, dark green; the pinnæ or leaflets, besides being wavy or undulated on the edges, are also deeply cut or toothed, giving the plant a graceful and light appearance. 4-inch pots, 25 cts. each.

DECORATIVE HOUSE FERNS.

See our offering of these on page 154.



CYRTOMIUM ROCHFORDIANUM COMPACTUM

DREER'S FINE FERNS GENERAL COLLECTION.

Our collection of Ferns is the most extensive in the country. We annually produce over two millions of these plants, which shows their great popularity.

- Adiantum Bellum.** A pretty crested sort. 25 cts. each.
- **Croweanum.** The hardiest Maiden Hair for home culture. 25 cts. each.
- **Cuneatum.** The popular Maiden Hair. 15 cts. and 25 cts.
- **Grandiceps.** A beautiful crested form. 25 cts. each.
- **Farleyense.** The finest of all Maiden Hairs, but will not succeed as a window plant, requiring the moist atmosphere of the greenhouse. 25 cts. and 50 cts. each.

- **Fergussoni.** 50 cts. each.
- **Hybridum.** 25 cts. each.
- **Mundullum.** 25 cts. each.
- **Reginæ.** 25 cts. each.
- **Rhodophyllum.** 25 cts. each.
- **Rochfordianum.** 25 cts. each.
- **Scutum.** 25 cts. each.
- **Trapeziforme.** 50 cts. each.
- **Weigandi.** A pretty little crested species, 25 cts. each.

Alsophila Australis (*Australian Tree Fern*). 25 cts. each.

Aspidium Tsussimense. One of the best for Fern dishes. 15 cts. each.

Blechnum Braziliense. A desirable dwarf Tree Fern. 15 cts. each.

— **Occidentale.** A desirable dwarf Fern. 15 cts. each.

Cibotium Schiedei (*Mexican Tree Fern*). One of the most desirable and valuable Ferns in cultivation. 4-inch pots, 50 cts. each. Specimens, \$2.50 and \$5.00 each.



ADIANTUM FARLEYENSE GLORIOSUM



CYRTOMIUM (Holy Fern)

Crytomium Caryotidium. 15 cts. each.

— **Falcatum** (*Holly Fern*). 15 cts. each.

— **Fortunei.** 15 cts. each.

Davallia Affinis. 25 cts. each.

— **Epiphylla.** 50 cts. each.

Goniophlebium Subauriculatum. If grown in a suspended basket in a moist conservatory will produce fronds 8 to 10 feet long. 50 cts. each.

Lastrea Chrysoloba. 20 cts. each.

Lomaria Ciliata. A dwarf Tree Fern. 15 cts. each.

Lygodium Dichotomum. 25 cts. each.

Lygodium Japonicum. Dark green foliage. 25 cts. each.

— **Scandens.** 15 cts. each.

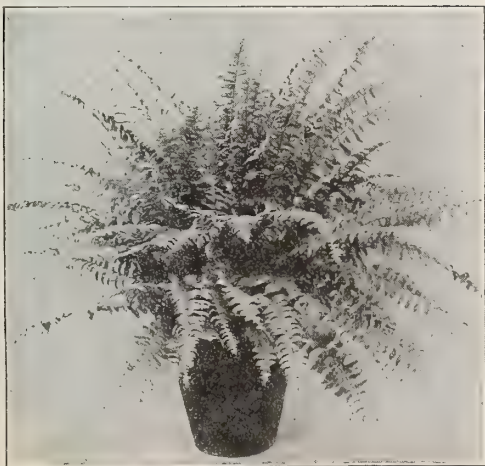
Nephrolepis Bostoniensis (*Boston Fern*). The original type, producing large specimens with long graceful fronds. 4-inch pots, 25 cts.; 6-inch pots, 75 cts.; large specimens; \$2.50 each.

— **Cordata Compacta.** A splendid miniature variety of the Boston Fern. Fine young plants. 15 cts. each.

— **Elegantissima Improved** (*Ostrich Plume Fern*). A beautiful crested form, with broad, plume-like fronds. 4-inch pots, 25 cts.; 6-inch pots, 75 cts. each.

— **Scotti** (*Dwarf Boston Fern*). A compact, dwarf-growing form; a beautiful Fern. 4-inch pots, 25 cts.; 6-inch pots, 75 cts. each.

— **Teddy Junior.** Intermediate in size of frond and pinnæ between the Boston and Scotti, with the edges of the pinnæ undulated or waved. 4-inch pots, 25 cts.; 6-inch pots, 75 cts. each.



NEPHROLEPIS SCOTTI



PTERIS WILSONI

Decorative House Ferns

We can supply the following varieties, the best for general house decoration, in larger sizes for immediate effect.

Cibotium Schiedei (*Mexican Tree Fern*). 4-inch pots, 50 cts. each; specimens, \$2.50 and \$5.00 each.

Cyrtomium Rochfordianum (*Crested Holly Fern*). 4-inch pots, 25 cts. each.

Cyrtomium Rochfordianum Compactum (*Silver Medal Holly Fern*). 4 inch pots, 25 cts. each.

Nephrolepis Bostoniensis (*Boston Fern*). 4-inch pots, 25 cts. each; 6-inch pots, 75 cts. each. Large specimens, \$2.50 each.

Nephrolepis Scotti (*Dwarf Boston Fern*). 4-inch pots, 25 cts. each; 6-inch pots, 75 cts. each.

Nephrolepis Teddy Junior (*Intermediate Boston Fern*). 4-inch pots, 25 cts. each; 6-inch pots, 75 cts. each.

Nephrolepis Elegantissima Improved (*Ostrich Plume Fern*). 4-inch pots, 25 cts. each; 6-inch pots, 75 cts. each.

Pteris Argyraea.

- **Alexandriae.**
- **Tremula.**
- **Wilsoni.**
- **Wimsetti Distinction.**

} All splendid forms of this beautiful family. 5-inch pots, 50 cts. each.



PTERIS VICTORIA

DREER'S FINE FERNS

GENERAL COLLECTION—*Continued*

- | | |
|--|-------------------------------|
| Niphobolus Lingua. 25 cts. each. | |
| Onychium Japonicum. 15 cts. each. | |
| Polypodium Areolatum. 15 cts. each. | |
| — Aureum. 15 cts. each. | |
| Polystichum Capense. 25 cts. each. | |
| — Setosum. 20 cts. each. | |
| Platycterium Alaicorne (<i>Elk's Horn Fern</i>). Narrow-forked fronds. * \$1.00 each. | |
| — Majus. \$2.00 each. | |
| — Grande. \$3.00 each. | |
| — Stemmaria. Makes a fine exhibition plant. \$1.50 each. | |
| — Veitchii. \$2.00 each. | |
| — Willincki. \$2.00 each. | |
| Pteris Argyraea. 15 cts. | — Serrulata. 15 cts. |
| — Adiantoides. 15 cts. | — Cristata. 15 cts. |
| — Alexandriae. 15 cts. | — Sieboldi. 15 cts. |
| — Cretica Albo-Lineata. 15 cts. | — Tremula. 15 cts. |
| — Magnifica. 15 cts. | — Victoria. 15 cts. |
| — Mayi. 15 cts. | — Wilsoni. 15 cts. |
| — Flabellata. 15 cts. | — Wimsetti. 15 cts. |
| — Hastata. 15 cts. | — Distinction. 15 cts. |
| — Internata. 15 cts. | — Grandis. 15 cts. |
| — Ouvrardi. 15 cts. | — Multiceps. 15 cts. |

Sitobolium Cicutarium. Good Fern for the amateur. 15 cts.

COLLECTIONS OF FERNS.

- One each of 15 Adiantums, \$3.00.
 “ “ 25 distinct Ferns, our selection, \$3.00.
 “ “ 50 distinct Ferns, our selection, \$6.00.

FERNS For Fern Dishes.

We have at all times a good supply of the most desirable varieties for this purpose. 2½-inch pots, \$1.00 per doz; \$6.00 per 100.



FERN DISH WITH COCOS PALM FOR CENTRE

SELAGINELLAS, or MOSSES.

Useful in connection with ferns for the filling of Wardian Cases, Fern Dishes, etc. The varieties offered below are among the most useful and interesting.

- | | | |
|-------------------------------------|--------------------|--------------------|
| Amœna, 25 cts. each. | Flabellata, | Martensi, |
| Cæsia Arborea, 35 cts. each. | Krauseana, | Watsoniana. |

Price, except where noted, 15 cts. each. Set of 6 varieties for \$1.00.

GERANIUMS

TWELVE BEST BEDDING VARIETIES

We offer but a limited list of varieties of this popular bedding plant, a selection of sorts which has been found satisfactory in all sections of the country.

Aiphonse Riccard (*Double*). Bright vermilion-scarlet, individual florets as well as trusses of large size; a popular standard variety.

Beaute Poltevine (*Semi-Double*). There are more of this beautiful salmon-pink variety planted each season than of any other.

Bertha de Presilly (*Semi-Double*). A beautiful silvery rose-pink, shading to an almost white centre; large flowers, very freely produced.

Bruanti (*Double*). A strong but compact growing scarlet bedder.

Francis Perkins (*Double*). An exquisite deep rose-pink, with a distinct white centre, large handsome flowers held well above the foliage.

Jean Viaud (*Semi-Double*). An attractive bright mauve-rose with distinct white centre, flowers large and trusses of immense size.

John Doyle (*Double*). A favorite deep rich scarlet, bright and effective.

Mme. Recamier (*Double*). Finely formed purest white flowers in immense trusses.

Mason's Scarlet (*Single*). A brilliant scarlet of strong free growth and very free-flowering.

Mrs. E. G. Hill (*Single*). An exquisite shade of soft, light salmon, each petal bordered with rosy-salmon.

S. A. Nutt (*Double*). Rich dark crimson, a most popular free-flowering variety.

Thomas Meehan (*Double*). Immense trusses of large individual florets of a brilliant rosy-pink.

Price. 15 cts. each; \$1.50 per doz.; \$10.00 per 100

SCENTED-LEAVED GERANIUMS.

Rose, Lemon, Nutmeg, Oak-leaved, Scarlet Mrs. Taylor.

10 cts. each; \$1.00 per doz. Set of 5 for 50 cts.



SINGLE GERANIUM

IVY-LEAVED GERANIUMS.

Ballade. Tender lilac, upper petals feathered with crimson-maroon, semi-double.

Colonel Baden Powell. Very large semi-double soft blush.

Comtesse de Gray. Large well-formed flowers of a pleasing light satiny-salmon color.

Corden's Glory. Brilliant scarlet.

Dina Scalarandis. Double white, tinted blush.

Mrs. Banks. Blush-white, upper petals feathered deep pink; semi-double.

15 cts. each; \$1.50 per doz.; \$12.00 per 100. Set of 6 varieties, 75 cts.

LADY WASHINGTON GERANIUMS.

See Pelargoniums, page 163.

GARDENIA FLORIDA (Cape Jessamine).

Beautiful greenhouse evergreen shrubs, with delightfully fragrant, pure white, waxy flowers, blooming from May to July.

3-inch pots, 30 cts. each; \$3.00 per doz.; 6-inch pots, \$1.00 each.

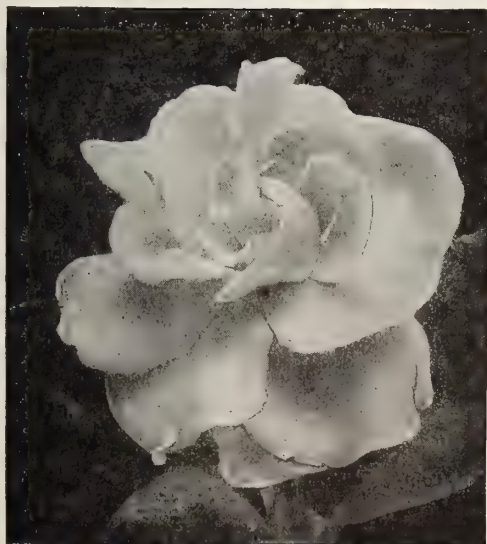
GENISTA.

Fragrans A most desirable spring-flowering plant, producing its fragrant, bright, golden-yellow flowers in the greatest profusion. As a window plant of easiest culture it is unsurpassed. Especially desirable for Easter decoration.

Fine plants in 4-inch pots, flowering size, 35 cts. each. Larger plants in 6-inch pots, 50 cts. and 75 cts. each.

GLORIOSA (Climbing Lily).

Superba Rothschildiana A splendid tropical climbing plant, easy to grow in a warm conservatory, grows 6 to 10 feet high, producing its gorgeous lily-like flowers, which open a bright yellow, changing to a deep scarlet, in bloom through the summer and autumn months. 50 cts. each.



GARDENIA (Cape Jessamine)

DREER'S SELECT GLADIOLUS (SWORD LILY.)

The interest developed in the Gladiolus during the past few years has been tremendous, and thousands of bulbs are now planted annually where dozens were used in the past. Their present popularity is sure to continue and increase, as they are, without doubt, the most attractive and useful of all summer-flowering bulbs, and, as a cut flower through the summer and autumn months, hold a place that cannot be taken by any other flower.

In cutting Gladiolus for the house, it is best to cut the spikes as soon as the first one or two lower flowers are open. The remainder will open in the house. Remove the faded flowers, cut a little off the stem, and change the water every day; treated in this way a spike will last a week or ten days, and as a rule the colors are more refined when developed in the house. Wonderful improvements are being made each year in the size, color and beauty of these flowers, and our list comprises only the best both in mixture and in named sorts.

For complete cultural directions see our new book, *Hints on the Growing of Bulbs*. Price 25 cts. or free to customers who ask for it when ordering.

Superb New and Rare Gladiolus.

The twelve sorts offered below are all extra high grade and will be a real surprise to those who are only familiar with the older varieties.

Charlemagne. A French introduction of the Giant type, with very large, open flowers on massive spikes; color described by introducer as sunrise-red, flaked darker, and marked with large creamy-white blotches, densely dotted with purple-carmine. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Deuil de Carnot. A superb velvety crimson-maroon, shaded with black; the richest colored of all. 30 cts. each; \$3.00 per doz.

Etendard. One of the choicest introductions of the famous French Hybridiser, Lemoine, with immense Orchid-like flowers four inches and over across. Upper petals rich cream-tinted rose, lower petals marked with large fiery-red blotches, clearly margined with bright yellow. An exceedingly rich color combination. 25 cts. each; \$2.50 per doz.; \$20.00 per 100.

Eucharis. Large well-opened flowers on long spikes, of a delicate blush-white blotched slightly deeper; a charming, dainty coloring. 12 cts. each; \$1.25 per doz.; \$10.00 per 100.

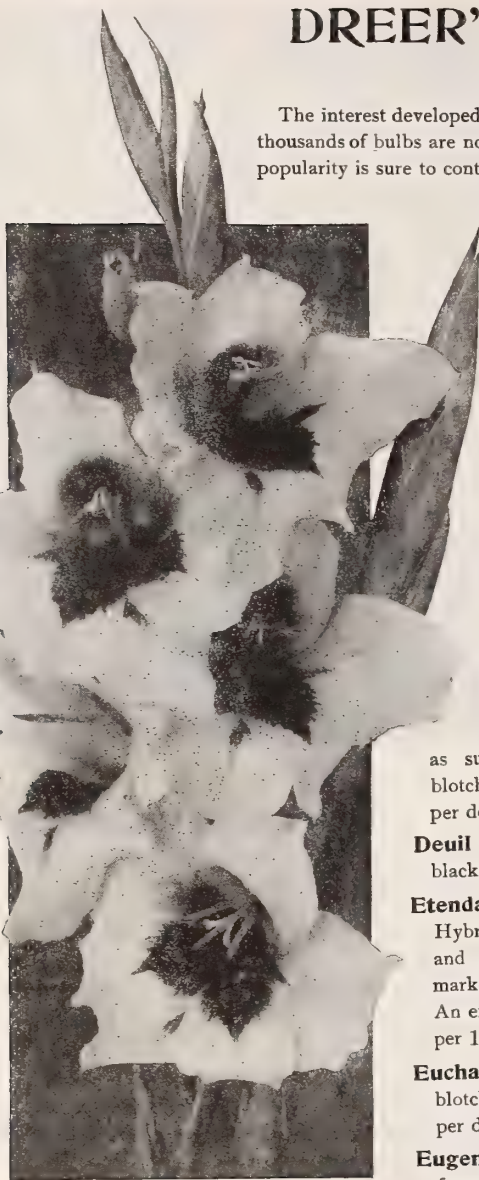
Eugene Lefebvre. Another of Lemoine's newer giant varieties, beautifully formed flowers of bright pink throat spotted and dotted with purplish amaranth and cream. 30 cts. each; \$3.00 per doz.

Europa. This magnificent European variety has been on the market for several years, but is still scarce. It is considered by many experts to be the best pure white yet introduced, having the finest spikes, the best individual flowers, and the purest in its snowy whiteness. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

General Langlois. Enormous, wide-open, amaryllis-like flowers of rich cherry-rose or fuchsia color, suffused with deep rosy-red in the throat and light cream markings on the lower petals. Six to eight of these huge flowers are open at one time on the tall spikes, making a most showy and attractive display. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

Heliotrope. Fine large flowers of velvety bishop's violet, shaded with pansy-purple; rich and novel. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

La Couronne. A new and beautiful French variety with flowers of largest size, of a creamy white, the throat blotched with dark maroon bordered with pale yellow; one of the most attractive of the recent introductions. 30 cts. each; \$3.00 per doz.



GLADIOLUS MRS. FRANK PENDLETON

Mrs. Frank Pendleton. All experts agree that this is one of the finest varieties yet introduced. The flowers are of largest size, borne on strong, straight spikes. In color a lovely salmon-pink with brilliant deep, red blotches in the throat. A color combination rivalling many of the finest Orchids in its richness, exquisite in every way. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Schwaben. A most meritorious imported variety of wonderful vigor, with strong erect spikes and large well expanded flowers of a clear canary yellow with a small blotch of deep garnet in the throat. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Sulphur King. This splendid variety is generally conceded to be the finest clear yellow yet introduced. It produces extra long spikes well filled with its attractive flowers which are of good size. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

COLLECTIONS OF SUPERB NEW AND RARE GLADIOLUS.

1 each of the above 12 sorts, 12 bulbs.....	\$2.25	6 each of the above 12 sorts, 72 bulbs.....	\$11.00
3 " " " 12 " 36 bulbs.....	6.00	12 " " " 12 " 144 "	20.00

6	each of the	22	varieties on this page,	132	in all.....	\$8.00
12	"	22	"	"	264	" 15.00



GLADIOLUS, GOLD MEDAL HYBRIDS

DREER'S SUPERB GENERAL MIXTURE.

This is our popular low-priced mixture, and is composed of fine sorts, in all colors, in first size bulbs only. We have tested many brands of mixtures, some of them costing twice as much as this, but have never seen any which surpassed it in variety of coloring or general excellence, and, whether wanted for planting for effect or for cutting, will be found entirely satisfactory. 30 cts. per doz.; \$1.75 per 100; \$15.00 per 1000.

LEMOINE'S BUTTERFLY HYBRIDS MIXED.

The remarkable richness of the colorings of this class rivals the finest orchids. 30 cts. per doz.; \$2.00 per 100; \$18.00 per 1000.

NEW GIANT (Nanceanus),

A magnificent race of extraordinary size and remarkable beauty, possessing the long-lasting properties and the beautiful markings of the Lemoine section. Mixed varieties. 40 cts. per doz.; \$2.50 per 100; \$22.00 per 1000.

GLADIOLUS in Mixture

Our mixtures offered below are made up of fine varieties, not the common sorts, which produce themselves so freely, and are all **strictly selected first size bulbs**, and are sure to give satisfactory results.

Gold Medal Hybrid Gladiolus.

We grow this magnificent strain for the express purpose of being able to supply many of our customers who want something decidedly better than the usual run of mixtures and who do not care for the named sorts. When Gladiolus are grown in mixture they are liable to deteriorate rapidly, and finally contain only a few colors. To avoid this we grow small blocks of a large number of exquisite colors, many of them high priced sorts, from which these mixtures are made, which insures results which cannot be had in any other way, and if you wish something really extra fine, these are sure to please you.

Gold Medal Section No. 1. This contains all the scarlet, blood-red, garnet, amaranth and similar rich shades of color in great diversity. 5 cts. each; 50 cts. per doz.; \$3.50 per 100.

Gold Medal Section No. 2. This is composed of the white, yellow and delicate shades of pink, rose, etc., and is especially valuable for cutting. 6 cts. each; 60 cts. per doz.; \$4.00 per 100.

Gold Medal Section No. 3. In this section are included the new blue, heliotrope, lilac, mauve and similar tints. A lady customer, on seeing a bunch of these, called them "pansy colors," which aptly describes them. They are for the most part entirely new and distinct. 7 cts. each; 75 cts. per doz.; \$6.00 per 100.

Gold Medal Mixture. This contains some each of the three sections, and so great is the diversity in colors that customers run practically no risk of getting any two alike; by far the finest mixture of Gladioli ever offered. 6 cts. each; 60 cts. per doz.; \$4.00 per 100; \$35.00 per 1000.

PRIMULINUS HYBRIDS.

The original of this type introduced from South Africa has been much improved by crossing with choice garden varieties, and the mixed hybrids here offered are certain to produce some beautiful flowers, mostly in tones running from light yellow to orange apricot and crimson; the flowers are of good size, borne on tall graceful spikes, and are of healthy, vigorous constitution. 50 cts. per doz.; \$3.50 per 100; \$30.00 per 1000.

MIXED GLADIOLUS IN SEPARATE SHADES.

	DOZ.	100.	1000.
Scarlet and Crimson shades mixed.	\$.035	\$2.25	\$20.00
White and Light	" " .40	2.50	22.50
Yellow and Orange	" " .60	4.50	40.00
Striped and Variegated	" " .45	3.25	30.00
Pink and Rose	" " .35	2.25	20.00

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

DREER'S SELECT GLOXINIAS

The Gloxinia ought to be one of our common plants because of its great beauty, the profusion of its flowers and its summer blooming habit. But it is not common, by any means, and this fact is attributable almost entirely to the impression that prevails to a great extent that it is a very difficult plant to grow—quite beyond the ability of the amateur, in fact. Such is not the case, however, if one goes at it in the right way.

Full cultural directions are given in our new book, "Dreer's Hints on the Growing of Bulbs." Price 25 cts., or free if asked for at time of ordering.

We offer them in the following separate colors, viz.: Blue, Red, White, Red with white border, Blue with white border; also in choicest mixed colors. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

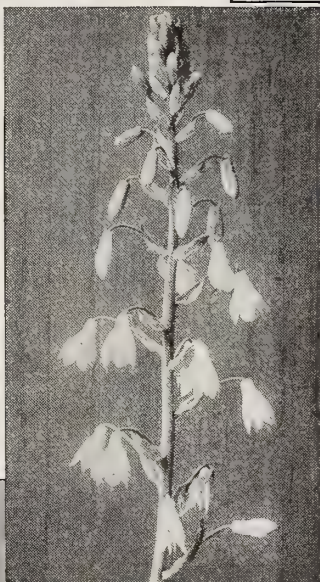
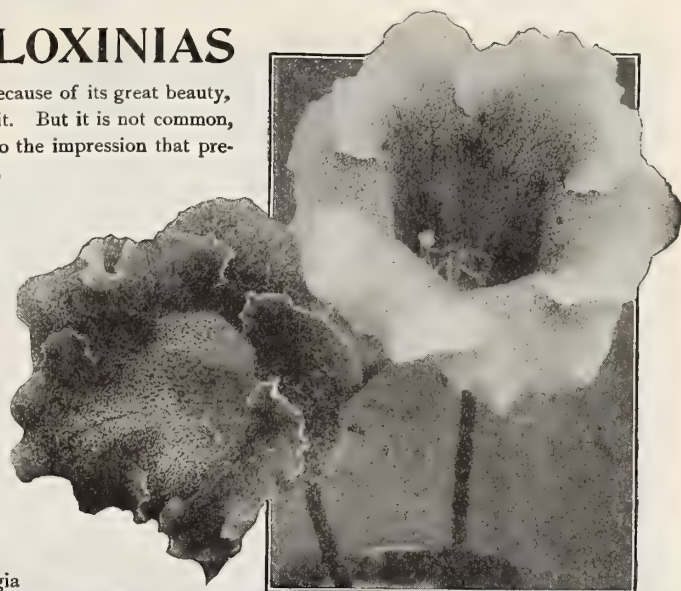
NEW EMPEROR GLOXINIA.

(*Gloxinia Hybrida Imperialis*.)

A new hybrid strain produced by crossing *Sinningia Regina Hybrida* with the choicest strains of *Gloxinias*, resulting in a plant which not only embraces all the rich and varied colors of the *Gloxinia*, but in which the foliage also is distinct and very ornamental, being of a reddish-brown or bronzy color, with strongly projecting white veins, while the flowers are held very erect, thus showing to full advantage. Strong bulbs, in choice mixed varieties, 30 cts. each; \$3.00 per doz.

BEFORE ORDERING PLANTS

Please read what we say regarding the forwarding and reservation of plants on page 119.



HYACINTHUS CANDICANS

DREER'S SUPERB GLOXINIAS

Heliotropes.

(Cherry Pie.)

Heliotropes are great favorites, principally on account of their delicious fragrance; they grow freely under glass, and may be planted in the open border during the summer.

Centefleur. The best rich, deep violet variety.

Chieftain. Lilac; large truss; very fragrant.

Mme. de Blonay. The finest large-flowering white.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

HIBISCUS SINENSIS

(Chinese Hibiscus.)

Well-known evergreen tender shrubs which may be either grown in a pot or tub, or planted out during the summer. They flower freely during the entire summer, and even in the winter,

if kept in a light, sunny position in the house. As a rule, they flower more freely when grown in a pot or tub, and when grown in this way the roots are kept in confinement and it is easier to handle them in the winter. They can also be kept over winter in a warm cellar or any place where the thermometer does not fall below 50 degrees. In such a position give only enough water to keep alive, never permitting the soil to become dust-dry.

Aurantiacus. Fine double pure salmon.

Grandiflorus. Very large single rose.

Miniatus Semi-plenus. The finest and most brilliant semi-double vermilion-scarlet, with flowers 4 inches in diameter.

Peachblow. Large double flowers of a soft pink, with deeper centre.

Sub-Violaceus. Flowers very large, of a beautiful carmine-tinted violet.

20 cts. each; \$2.00 per doz. The set of 5 for 85 cts.

The Hardy Hibiscus are offered on page 220.

HYACINTHUS CANDICANS.

(Cape Hyacinth.)

A snow-white summer-flowering Hyacinth, growing 3 to 5 feet in height, gracefully surmounted with from 20 to 30 pure white, bell-shaped flowers. 8 cts. each; 75 cts. per doz.

HIBISCUS SINENSIS (Chinese Hibiscus)

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.



HYDRANGEA HORTENSIS

Hydrangea Hortensis

Although hardy in sheltered favorable positions in the latitude of Philadelphia, they will give more satisfaction

when grown as pot or tub plants and protected against frost. They thrive in any good garden soil, but give better results when grown in a soil composed of two parts of good turfy loam and one part of thoroughly decomposed cow or stable manure. When in active growth supply liberally with water; at this time also stimulants in the form of liquid manure, our Peerless Plant Food or Bonemeal, will prove beneficial. Give full exposure to the sun, except when in flower, when a slight shade will prolong their blooming. On the approach of freezing weather store in a light cool cellar or similar place, water only sufficient to prevent the roots from drying up. Keep the plants as cool as possible during the winter, but never expose to frost; if they start into growth during winter they are stored too warm, and should be moved to cooler quarters. Early in spring bring the plants on the piazza or some sheltered place and increase the supply of water, again giving full exposure as soon as the weather becomes thoroughly settled.

In some soils, due to the presence of iron or certain chemicals, Hydrangeas naturally flower blue. To produce this color artificially incorporate one-half pound of alum broken into pieces about the size of a hickory nut with each bushel of soil.

NEW HYDRANGEA HORTENSIS.

The Best of the 1915 and 1916 Introductions.

Baby Bimbenet. Very dwarf, free and early. Large compact trusses of silvery-rose flowers.

Beaute Vendomoise. Immense heads of white flowers tinted pink, the individual florets attain a diameter of 4 inches.

Eclaireur. Very bright carmine-rose, the nearest approach to a red.

La France. Deeply fringed flowers of delicate rose.

La Perle. The largest and most refined white; flowers deeply fringed.

Lilie Mouillere. Bright carmine-rose; one of the best.

L'Islette. Rosy-carmine, of medium size; very free; unusually promising.

Louis Mouillere. A fine deep rose-pink, fringed florets.

Mme. Auguste Nonin. An unusually pretty pale pink.

Madame R. Jacquet. Compact heads of a pretty pale pink.

Souvenir du Lieut. Chaire. Produces immense heads of bright rose-carmine flowers on bold upright stems.

Souvenir de Mme. Victor Raoult. Very large lively rose.

Strong young plants in 3-inch pots, 25 cts. each; the set of 12 sorts for \$2.50.

5-inch and 6-inch pot plants, 50 cts. each; the set of 12 sorts for \$5.00.

GENERAL COLLECTION OF HYDRANGEA HORTENSIS.

Avalanche. Large corymbs of pure white flowers.

Bouquet Rose. Large trusses of well-formed flowers; rosy-amber, turning to bright pink.

E. G. Hill. Trusses of immense size, color a most pleasing shade of pink which does not fade; growth vigorous.

General de Vibraye. Very large heads of bright rose.

La Lorraine. Large flowers, pale rose turning to bright pink.

Mme. Maurice Hamar. Large delicate flesh-rose color.

Mme. Emile Mouillere. One of the best; very large, of the purest white, with rosy-carmine eye.

Mont Rose. Immense panicles of a clear flesh-rose.

Radiant. Splendid rose-carmine.

Senateur Henri David. Large, light rose color.

Souvenir de Mme. E. Chautard. Bright rose-colored.

Vieux-Chateau. Very large white flowers; these as they mature become suffused with a delicate rosy-carmine tint.

Price. Any of the above in 3-inch pots, 20 cts. each. Set of 12 for \$2.00.

5-inch and 6-inch pots, 50 cts. each. Set of 12 for \$5.00.

HYDRANGEA OTAKSA.

This is the variety that is used so extensively at the Atlantic seashore resorts, producing immense heads of usually pink but sometimes blue flowers throughout the entire summer. We have a grand lot of plants specially prepared for summer flowering that will make a handsome display.

Young plants in 4-inch pots, 25 cts. each; \$2.50 per doz.

Good plants in 6-inch pots, 50 cts. each; \$5.00 per doz.

Specimens in 11-inch tubs, \$1.50 each, including tub

" 12 " " 3.00 " " "

The hardy shrub, *Hydrangea paniculata*, is offered on page 250

IPOMŒA.

Noctiflora (*Moon Flower*). The well-known popular vine; white flowers. 15 cts. each; \$1.50 per doz.

Leari (*Blue Dawn Flower*). Intense violet-blue; flowers 6 inches in diameter. 15 cts. each; \$1.50 per doz.

Ismene Calathina (*Peruvian Daffodil*).

A grand summer-flowering bulb, producing with great freedom large Amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry, warm place, and plant out in June. Bulbs can be taken up in October, and, after a few weeks' rest, potted and flowered in the house in the winter, or kept over for planting out another season. (See cut.) 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

ISOLEPIS GRACILIS.

A useful plant, with graceful, grass-like, dark-green drooping foliage, for vases, baskets or the window garden. 15 cts. each; \$1.50 per doz.

IXORAS.

These are among the showiest of hothouse flowering plants. The flowers are borne in large terminal corymbs, shaped somewhat like a Bouvardia.

Acuminata. Fragrant, pure white.

Chelsoni. Brilliant salmon-orange.

Coccinea. Bright red, in very large corymbs.

Colei. A distinct white variety.

Dixiana. Deep orange in large trusses.

Flore lutea. Very large creamy yellow.

Incarната. Delicate flesh color.

Javanica. Deep orange-red.

50 cts. each. Set of 8 varieties for \$3.50.

JASMINUM.

Grandiflorum (*Catalonian or Star Jasmine*). Very fragrant single white flowers, in bloom continuously. 20 cts. each.

Grand Duke. Double white, fragrant flowers. 30 cts. each.

ISMENE (*Peruvian Daffodil*)LAGERSTRŒMIA
(*Crape Myrtle*)**LANTANAS.**

Well known useful summer bedding plants; all of the varieties offered are of desirable compact habit of growth.

Alba Perfecta. The best white.

Comtesse de Biencourt. A splendid pink.

Craigi. Rich orange-scarlet.

Mere Jaune. Deep golden-yellow.

10 cts. each; \$1.00 per doz.

LAGERSTRŒMIA.

(*Crape Myrtle*.)

This is one of the prettiest shrubs, and while hardy south of the Potomac, requires protection in this latitude. All, however, that is necessary is to winter the plants in a cellar or similar position where they will be protected from very severe weather.

Grown in large pots or tubs, specimens 6 to 8 feet high can be produced with little difficulty, and which for two to three months in the summer will be covered with flowers.

Indica. Delicate soft pink. 50 cts. each.

— **alba.** A white-flowered form. 50 cts. each.

LAPAGERIA.

Extremely beautiful ornamental greenhouse climber, producing numerous fine, large, bell-shaped, waxy flowers of great substance, lasting a long time in bloom.

Rosea. Rich, rosy crimson. \$3.00 each.

Alba. Pure waxy white. \$3.00 each.

LOBELIA.

Crystal Palace Compacta. Rich dark blue, much used for bedding, vases, etc. 10 cts. each; \$1.00 per doz.; \$7.00 per 100.

**New American Hybrid-Tea Rose
"LOS ANGELES"**

This splendid introduction is shown in colors and described on page 178.



IXORA



MARANTA VITTATA

Musa Ensete (*Abyssinian Banana*).

The grandest of all Bananas; the leaves are magnificent, long, broad and massive; of beautiful green. The plant grows luxuriantly from 8 to 12 feet high. During the hot summer, when planted out, it grows rapidly and attains gigantic proportions, producing a tropical effect on the lawn or flower garden. (See cut.) Good plants, 30 cts. each; strong plants in 5-inch pots, 50 cts. each; very strong plants in 7-inch pots that will give a quick effect, \$1.00 and \$1.50 each; heavy plants in 12-inch tubs, \$5.00 each.

NASTURTIUMS.(*Tropaeolum majus nanum*.)

Tom Thumb, or Dwarf. Too well known to need description. Mixed colors, ready in May. 10 cts. each; \$1.00 per doz.; \$7.00 per 100.

NEPENTHES (*Pitcher Plant*.)

These interesting plants, with their curious pitchers, require to be grown in a high, moist atmosphere, and in dense shade. The sorts offered are among the choicest of the genus.

EACH.		EACH.	
Intermedia	\$3 00	Pattersoni	\$2 50
Mastersiana	2 50	Phyllamphora	2 50

One each of the 4 sorts for \$10.00.

PANDANUS (*Screw Pine*.)

The Pandanus requires about the same treatment as the Dracæna, but is better adapted to culture in the living-room than that plant is.

Graminifolius. Narrow, dark-green foliage; makes a pretty plant for table decoration. 50 cts. each.

Veitchi. One of the finest decorative plants for the house; graceful foliage, broadly striped with creamy-white on a green ground. 4-inch pots, 12 inches high, 75 cts. each; 6-inch pots, 18 inches high, \$1.50 each; 8-inch pots, 30 inches high, \$3.00 each.

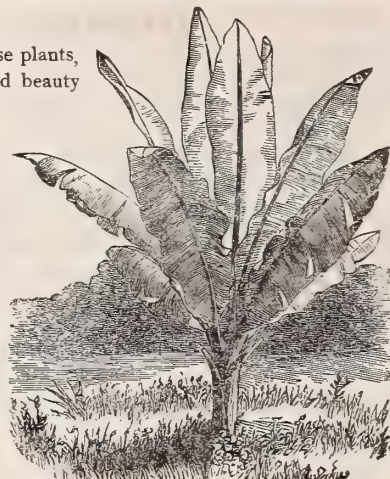
MARANTA.

Valuable decorative hothouse plants, remarkable for the richness and beauty of their varied foliage.

	EACH.
Classoni	\$0 75
Goveniana	25
Insignis	50
Kerchoviana	25
Flakoyana	50
Sanderi	1 00
Van den Hecke	75
Vittata	1 00
One each of the 8 varieties for \$4 00.	

METROSIDEROS.

Floribunda (*Bottle Brush*). A greenhouse shrub, producing long, cylindrical spikes of bright red flowers; very effective. Large plants, \$1.50 each.



MUSA ENSETE

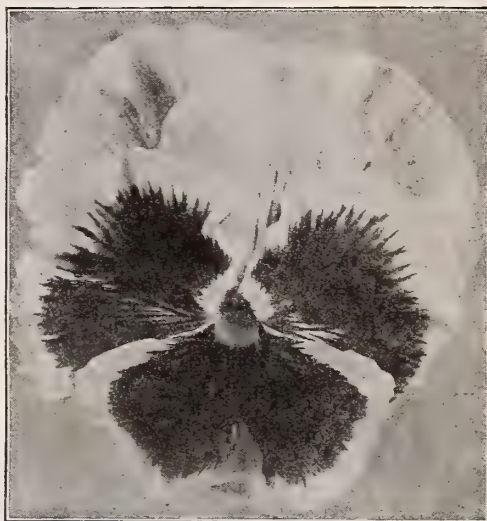
OLEA FRAGRANS.

(Sweet Olive.)

An old favorite greenhouse shrub, succeeding admirably as a house plant, producing insignificant white flowers, but of the most exquisite fragrance, continuing to bloom almost the entire winter. Good plants, 50 cts. each; larger plants, \$1.00 each.

Dreer's Royal Exhibition Pansies.

The plants here offered are grown from our own choicest strain of seed, and for size of bloom, richness of coloring and texture will be found unsurpassed by any other strain. 75 cts. per doz.; \$5.00 per 100.



TYPE OF OUR ROYAL EXHIBITION PANSY



PANDANUS VEITCHI

PASSIFLORA.

(Passion Flower).

Attractive climbers, covering a large space in a remarkably short time, and bearing their exquisitely formed flowers freely throughout the summer and fall.

Constance Elliott. Pure white; a slight coloring at base of petals.

Pfordti. The best variety for outdoors in summer; flowers light blue, suffused with rose and borne freely, even on small plants. (See cut.)

Princeps. This is one of the best greenhouse climbers, a rare and showy variety with bright red flowers. 50 cts. each.

Price, except where noted, 25 cts. each; \$2.50 per doz.



PEPEROMIA MACULOSA

PAULLINIA.

Thalict trifolia. A very pretty climbing plant for the conservatory or window, with finely divided fern-like foliage. 25 cts. each.

PEPEROMIA.

Maculosa. A pretty dwarf, ornamental, foliage plant, the thick leaves being bright green, veined silvery-white; exceedingly useful as a pot plant for the window. 25 cts. each; \$2.50 per doz.

CUSTOMERS

will please read what we say regarding the forwarding of plants on page 119.



PASSIFLORA PFORDTI

PELARGONIUMS.

(Lady Washington Geraniums.)

The six varieties offered below are a choice selection of distinct colors.

Crimson King. An intense rich crimson.

Duke of Cornwall. Reddish-crimson, bordered with light salmon.

Linda. Clear salmon, feathered and blotched maroon in the upper petals.

Mme. Thibaut. White, richly blotched and marked with rose, the upper petals marked with crimson-maroon, with large white centre.

Mrs. R. Sandiford. Pure glistening snow-white.

Sandiford's Best. Beautiful shade of pink, surrounded with deep band of pure white, and large white throat.

20 cts. each; \$2.00 per doz. Set of 6 varieties, \$1.00.

New Everblooming Pelargonium.

Easter Greeting. This variety is remarkable for its early and free-flowering habit, and while its principal crop of flowers is produced in early spring, it is the first variety introduced which, in a favorable season, continues to bloom throughout the summer and fall months; flowers are of large size, a bright amaranth-red, each petal marked with a large black blotch. 25 cts. each; \$2.50 per doz.

PENNISETUM.

(Fountain Grass.)

Tender ornamental grasses, valuable either as individual specimens in the garden or for massing or interspersing with some of the hardy grasses, while as border plants for beds of Cannas or Caladiums nothing equals them.

Macrophyllum Atrosanguineum (*Crimson Fountain Grass*).

Foliage gracefully recurved, of a pleasing dark metallic, coppery-bronze, which far surpasses in richness the finest of the bronze-leaved Cannas; attains a height of about 4 feet, the ends of the shoots being terminated by tawny crimson plumes, 10 to 12 inches long. Ready April 15th. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

Cupreum. Similar in the dark coppery-bronze color of its foliage to the variety above, but with much narrower, gracefully recurving leaves; grows from 3 to 3½ feet high. A valuable border plant that is rapidly becoming popular. Plants ready April 15th. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

Rueppelianum (*Purple Fountain Grass*). Grows about 3 feet high, producing long, graceful green foliage and cylindrical purplish plumes. Young plants ready in May. 15 cts. each; \$1.25 per doz.; \$8.00 per 100.



CRIMSON FOUNTAIN GRASS (Pennisetum)

PALMS, FOR HOME ADORNMENT

NO collection of plants is complete without Palms. Their bold, majestic, yet graceful foliage lends a grandeur and magnificence that cannot be obtained by any other class of plants, and no decoration, whether in the conservatory, hall or sitting room, is complete without them. Our facilities for producing this class of stock are the most complete in the country, 55 of our largest houses—over four acres of greenhouse structure—being devoted to them alone, enabling us to supply all the leading and popular sorts at the most reasonable prices.



ARECA LUTESCENS

Acanthorhiza Aculeata. 5-inch pots, \$1.50 each.

Areca Lutescens. One of the most graceful and beautiful Palms in cultivation; the foliage is of a bright, glossy green, with rich golden-yellow stems.

3-inch pots, bushy plants, 12 to 15 inches high... \$ 25 each.

4 " " " 15 to 18 " " .. 50 "

6 " " " 24 to 30 " " .. 1 50 "

7 " " " 36 " " .. 2 50 "

Areca Verschaffelti. A splendid Palm, with finely divided pinnae of deep green color with yellowish midrib. 3-inch pots, 12 inches high, 50 cts. each. 4-inch pots, 15 inches high, 75 cts. each.

Arenga Saccharifera. 4-inch pots, 50 cts. each.

Cocos Schizophylla. Interesting, strong-growing species, useful in the South, where it can be planted out. \$2.50 each.

Cocos Weddelliana. The most graceful and elegant of all Palms. Its slender, erect stem is freely furnished with its gracefully arching leaves, of a rich green color. The smaller sizes are admirable for fern dishes, while the larger sizes are beautiful subjects for home adornment.

Young plants in 3-inch pots, 25 cts. each.

Specimens in 5-inch pots, 18 to 24 inches high, \$1.50 each.

Elæis Guineensis. The Oil Palm, a very decorative species, with dark green pinnatifid foliage. 4-inch pots, 50 cts. each. 5-inch pots, \$1.00 each. Specimens in 8-inch tubs, \$3.00 to \$5.00 each.

Hyophorbe Amaricaulis. An interesting Palm for a collection in a warm conservatory, similar in habit of growth to the Arecas, with bronzy-red stems and olive-green foliage. Young plants in 4-inch pots, 50 cts. each.

Kentia Belmoreana. The Kentias are the hardiest Palms in cultivation. They are of slow growth, and are less effected by the dust and dry atmosphere of the house than any others. The variety here offered is of dwarf, spreading habit, with fine rich dark-green foliage.

SIZE OF POTS.	HEIGHT.	EACH.	SIZE OF POTS.	HEIGHT.	EACH.
3 inches.	12 inches...	\$ 35	6 inches	26 inches...	2 00
4 "	15 "	50	7 "	30 "	3 00
5 "	20 "	1 50	7 "	36 "	5 00

Kentia Forsteriana. This splendid variety is very similar to K. Belmoreana, but of stronger growth, with broader, heavier foliage.

SIZE OF POTS.	HEIGHT.	EACH.	SIZE OF POTS.	HEIGHT.	EACH.
3 inches	12 inches..	\$ 35	6 inches	30 inches.	\$2 50
4 " "	15 " ..	50	8 " "	42 " ..	5 00
6 " "	24 " ..	1 50	10 " "	60 " ..	10 00



COCOS WEDDELIANA



KENTIA BELMOREANA

PALMS (Continued)

Kentia Forsteriana (*Made-up Plants*). These are specimens made by planting several plants together; very useful decorative specimens.

Size of Tubs.	Height.	Each.	Size of Tubs.	Height.	Each.
7-inch....	36 inches..	\$4 00	8-inch....	45 inches..	\$10 00
7 "	38 " ..	5 00	8 "	48 " ..	12 50
8 "	42 " ..	7 50	9 "	54 " ..	15 00

Kentia MacArthurii. 4-inch pots, 15 inches high, 50 cts. each; 5-inch pots, 18 inches high, 75 cts. each.

Kentia Wendlandiana. A very strong-growing species, with large, heavy foliage, the ends of the pinnæ cut like the Fish-tail Palm; quite rare. 5-inch pots, 75 cts. each.

Latania Borbonica (*Chinese Fan Palm*). This is the popular fan-leaved variety.

3-inch pots, 4 to 5 leaves, 12 inches high.....	\$0 25 each.
4 " " 5 to 6 " 15 "	50 "
6 " " 6 " 20 "	1 00 "

Licuala Grandis. A limited stock of this rare warm house Palm. Thrifty plants in 5-inch pots, \$3.00 each.

Livistona Rotundifolia. A miniature fan-leaved Palm, which in a finished specimen, makes almost a globular plant. Thrifty young plants in 3-inch pots, 25 cts. each; 4-inch pots, 50 cts. each.

Martinezia Caryotæfolia. One of the most desirable hot-house Palms, with pinnate foliage of a dark green color; the stems are thickly set with long black spines. Fine young plants in 3-inch pots, 50 cts. each; 5-inch pots, \$1.00 each; 7-inch pots, \$2.50 each.

Phoenix Roebeleni. The most graceful of the Phoenix, and a Palm which has become one of the most popular for room decoration. The plant is of vigorous growth, and its gracefully recurving leaves, with very narrow dark green pinnæ, give it a lightness and ariness not surpassed, if equalled, by *Cocos Weddelliana*; at the same time it is as hardy as a *Kentia*, succeeding admirably as a house plant.

3-inch pots, 6 to 8 in. high, nicely characterized...	\$0 50 each
4 " " 12 " " " "	1 00 "
5 " " 15 " " " "	1 50 "
Specimens in 6-in. pots, 1½ ft. high, 2 ft. spread..	2 50 "
" 8 " tubs, 2 " " 2½ " "....	4 00 "
" 10 " " 2½ " " 3 " "....	7 50 "



MADE-UP PLANT OF KENTIA FORSTERIANA

Pinango Decora. 4-inch pots, \$1.50 each; 5-inch pots, \$2.00 each; 8-inch pots, \$5.00 each.

Ptychosperma Alexandræ. 3-inch pots, 25 cts. each.

Stevensonia Grandifolia. It is only at rare intervals that we are able to offer this interesting and beautiful stove Palm. Fine plants in 4-inch pots, \$1.00 each; 6-inch pots, \$2.50 each.

Thrinax Morrisi. 4-inch pots, \$1.00 each.

Thrinax Parviflora. 3½ inch pots, 50 cts. each.

Verschaffeltia Splendida. A showy species, where it can be given a high, moist atmosphere; large, bright green foliage, deeply cut at the ends; very spiny, especially in the young state. 4-inch pots, \$1.50 each; 5-inch pots, \$3.00 each.



LATANIA BORBONICA



PHOENIX ROEBELENI

DREER'S SUPERB DOUBLE-FRINGED PETUNIAS.

For many years we have made a specialty of Double Petunias, and the strain which we have developed is the standard for excellence. We offer twelve of the very finest varieties selected from thousands of plants which we grew the past season.

Achille. Bright purplish-crimson, mottled with white.

Admiration. Reddish-violet variegated white.

Artus. White mottled and blotched rosy-purple.

Ceres. Deeply laciniated petals, color deep mauve-rose.

Climax. Tyrian-rose, occasionally tipped white.

Elegans. Bright rosy-pink, mottled white.

Harold. White with crimson-purple blotches.

Jubilee. Reddish-purple, blotched and variegated white.

Mariana. Rosy-purple, deeply frilled.

Snowball. Finely fringed white.

Splendor. Mauve-pink, freely marked and mottled white.

Undine. Brilliant self-colored reddish-purple.

Price, 15 cts. each; \$1.50 per doz. Set of 12 sorts, \$1.50.
Single Large-flowering Fringed Petunias. Mixed seedlings (ready end of April), 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

SEED OF FRINGED PETUNIAS.

We annually save a quantity of both the Double and Single-flowering sorts, see offer on page 102.

PHILODENDRON or MONSTERA.

Spectabile. An interesting hothouse plant with large heart-shaped dark green leaves with light veins. \$1.00 and \$1.50 each.

Giganteum. Of strong climbing habit, with large deep green foliage; a splendid wall plant for a warm conservatory. \$1.00 each.



PHYLLOCACTUS.

Beautiful flowering plants closely allied to the Cacti, with thornless leaf-like stems. The flowers, which often measure 8 inches in diameter, are long, somewhat trumpet-shaped, consisting of several rows of petals, which in color range from pure waxy white to deep crimson, and are freely produced on well-ripened stems in Spring. They are of easy culture, should be confined to small pots and sparingly watered.

Adonis. Delicate rose with lilac sheen.

Agathe. Brilliant red, centre overlaid purple.

Aida. Fawn, shaded terra cotta.

Argus. Rose, centre dark, glistening copper and chamois.

Cooperi. Pure white.

Erebus. Dark cinnabar carmine, centre lilac.

Gloria. Bright orange red.

Latona. Outer petals brownish-red, centre lilac.

Magenta. Pure magenta.

Pfau. Chamois, centre bluish-violet.

Rose Perfection. Brilliant rose and carmine.

Rosetta. Deep carmine of unusual form.

Price. 25 cts. each. Set of 12 varieties, \$2.50. Larger plants of flowering size, 50 cts. each. Set of 12 for \$5.00.

PHYLLOTÆNIUM.

Lindeni. A handsome hothouse plant of easy culture, with attractive light green hastate leaves, the broad rib and veins creamy-white. \$1.00 each.

PLUMBAGO.

Capensis. Light lavender-blue.

— **Alba.** Color creamy-white.

Coccinea Superba. Long racemes of showy, brilliant, bright satiny-carmine flowers.

15 cts. each; \$1.50 per doz.

POTHOS ARGYRÆA.

A pretty hothouse climber with deep green foliage, nicely variegated with silvery-white. 35 cts. each.

PUNICA (Pomegranate).

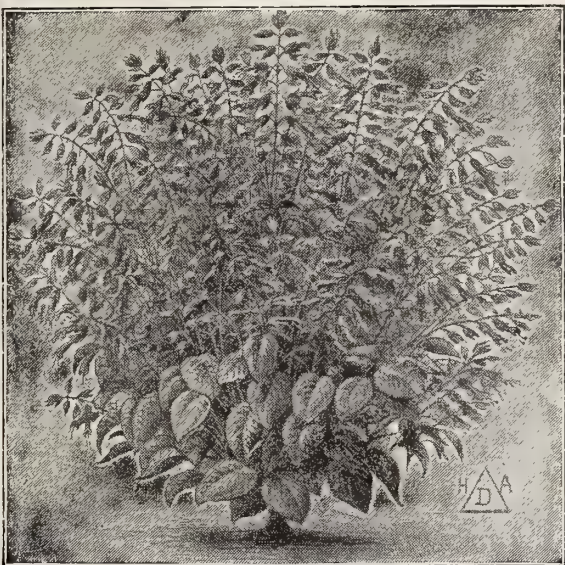
A splendid shrub which is hardy south of Washington, but in the north makes an excellent attractive tub-plant, which may be handled the same as the Crape Myrtle; that is, it may be stored during Winter in a cool cellar or out building, where it will be protected against severe frost.

Legrelli. A beautiful variety with double orange-scarlet flowers prettily variegated with white. Strong bushy plants, 2 to 2½ feet high, \$1.00 each. Of this fine variety we can also supply standard or tree-shaped plants; good, bushy crowns on straight stems about 18 inches high at \$2.50 each.

Rubra Plena. Large, bright scarlet double flowers. Strong bushy plants, 18 inches high, \$1.00 each.



PLUMBAGO CAPENSIS



SALVIA, OR SCARLET SAGE, BONFIRE

RICINUS (Castor Oil Plant).

Handsome tropical-looking plants for centres of large beds, etc. Green and bronze-leaved sorts, ready in May and June. 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

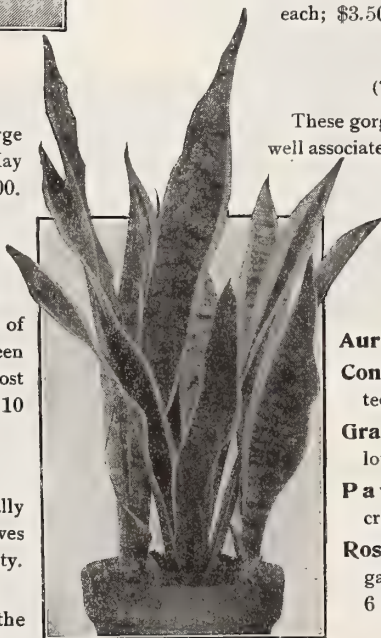
SALVIA SPLENDENS, "BONFIRE."

This is one of the finest of the Scarlet Sages, growing in a compact bush 2 feet high. Its erect spikes of brilliant scarlet flowers stand clear above the dark green foliage and completely cover the plant. One of the most effective and gorgeous bedding plants in cultivation. 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

SANSEVIERIA.

Zeylanica. An elegant variegated plant, especially adapted for house decoration, the thick, leathery leaves standing the heat and dust of the house with impunity. 15 cts. each; \$1.50 per doz.

Zeylanica Laurenti. This variety, in addition to the variegation shown in the ordinary sort described above, has a band of creamy-yellow varying from $\frac{1}{4}$ to $\frac{1}{2}$ inch or more in width on each edge of the leaves, which adds greatly to its decorative effect. A limited stock of good young plants, \$1.00 each.



SANSEVIERIA ZEYLANICA LAURENTI

SCHISMATOGLOTTIS PICTA.

A handsome decorative plant and a fine plant for the house, somewhat on the style of growth of the Dieffenbachias, but more vigorous; foliage deep green, with greyish-white markings. 50 cts. each.

SENECIO SCANDENS (Parlor, or German Ivy).

This well-known tender climber is indispensable as a vase, basket or window-box plant in the summer, and the best vine for the window-garden at all seasons. 15 cts. each; \$1.50 per doz.

SMILAX.

Too well known to require any description. One of the most valuable plants for decorations. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

STEPHANOTIS.

Floribunda. One of the most charming hothouse climbers, growing rapidly, with long, glossy, deep green foliage, and producing clusters of pure white, deliciously fragrant flowers \$1.00 each.

STRELITZIA.

Reginæ (Bird of Paradise Flower). A serviceable house plant, with dark green, leathery foliage, and producing interesting curiously-shaped orange and purplish-blue flowers. Strong plants, \$1.50 each.

SWAINSONA.

Galegifolia Alba. A most desirable everblooming plant, with pure white Sweet Pea-like flowers, produced in sprays. Its easy culture, freedom of bloom, and the grace and beauty of flower and plant make it popular. 15 cts. each; \$1.50 per doz.

THUNBERGIA.

Harrisi. A splendid winter-flowering greenhouse climber, with showy light-blue flowers with creamy-white throat. 35 cts. each; \$3.50 per doz.

TIGRIDIA.

(Tiger, or Shell Flower.)

These gorgeous summer-flowering bulbs look well associated with Gladioli, Lilies and kindred stock; grow about $1\frac{1}{2}$ feet high, and flower freely throughout the summer. They require the same treatment as Gladioli, and should be lifted in autumn and dried off in the same way. (See cut.)

Aurea. Rich golden-yellow.

Conchiflora. Golden-yellow, spotted crimson.

Grandiflora alba. Ivory-white, yellow centre, spotted with crimson.

Pavonia Grandiflora. Bright crimson, centre spotted with yellow.

Rosea. Rose-pink with yellow variegated centre. 6 cts. each; 50 cts. per doz.; \$4.00 per 100.



TIGRIDIA



MEXICAN EVERBLOOMING SINGLE TUBEROSES

MEXICAN EVERBLOOMING SINGLE TUBEROSES

This charming single variety begins to flower in July and continues throughout the season, each bulb throwing from 2 to 5 flower spikes in succession. The buds never blast, but all open up of the purest white, and are delightfully fragrant. (See cut.) 6 cts. each; 60 cts. per doz.; \$4.00 per 100.



DREER'S MAMMOTH VERBENAS

DOUBLE PEARL TUBEROSES.

One of the most delightfully fragrant and beautiful of the summer-flowering bulbs. By skilful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border plant about the middle of May, or as soon as the ground becomes warm. Strong flowering bulbs, 3 for 10 cts.; 30 cts. per doz.; \$2.00 per 100.

VALLOTA PURPUREA (Scarborough Lily).

A valuable free-flowering summer and autumn-blooming Amaryllis; color rich red. It is one of the really good window plants. Full cultural directions are given in our new book, "Dreer's Hints on the Growing of Bulbs," price 25 cts., or free to customers who ask for it when ordering. 30 cts. each; \$3.00 per doz.

VERBENAS.

Dreer's Mammoth. We have a nice collection of 12 sorts in all the best colors. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Lemon (*Aloysia citriodora*). Every garden should have a few plants of this fragrant favorite. Its pale green foliage goes well with any flower. 15 cts. each; \$1.50 per doz.

VINCA.

Major Variegata (*Variegated Periwinkle*). One of the very best plants for vases and for trailing over the edges of window boxes, etc. Leaves glossy green, broadly margined creamy-white; blue flowers. Strong plants in 4-inch pots, 20 cts. each; \$2.00 per doz.

VIOLETS.

Lady Hume Campbell. Fine double blue.

Swanley White. Double pure white.

Princess of Wales. A large-flowering single variety, of rich but soft violet blue; much easier to grow than the double sorts, and amateurs would do well to confine themselves to this variety.

Good young plants, 10 cts. each; \$1.00 per doz.;
\$6.00 per 100.

BEFORE ORDERING PLANTS

Please read what we say regarding reservation and forwarding on page 119.



DOUBLE PEARL TUBEROSE

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

ZEPHYRANTHES.

(Zephyr Flower, or Fairy Lilies.)

Beautiful dwarf, bulbous plant, very effective for masses or border, flowering with great profusion during the summer. They are also suitable for pot culture. 6 bulbs clustered in a 5-inch pot in the autumn will give a fine display during the winter; 8 inches high.

Alba. Pure white. 6 cts. each; 60 cts. per doz.; \$4.00 per 100.

Rosea. Large rose-colored. 10 cts. each; 75 cts. per doz.; \$6.00 per 100.

ZINNIAS.

(Youth and Old Age.)

Improved Large-Flowering Dwarf. A fine strain of this popular summer-flowering annual, growing about 2 feet high, with large flowers in a great variety of colors. Mixed colors, ready in May and June.

60 cts. per doz.; \$4.00 per 100.

INDEX OF ROSES

Our list of Roses is probably the most select and extensive offered in this country. Being divided up into various types and sets, we believe the index below will be a convenience to our patrons.



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Dreer's Specially Prepared ROSES FOR THE GARDEN



PARTIAL VIEW OF ROSE TRIAL BEDS AT OUR NURSERY, RIVERTON, N. J.

While our old customers are familiar with the grade of Roses which we send out, we wish to direct the attention of those who have never planted our stock to the manner in which these plants are prepared. The bulk of our Roses are field-grown plants, having been cultivated in fields during the growing season of 1916. In fall they were carefully dug, planted in pots and stored in cold greenhouses or cold frames, where artificial heat is only used to exclude severe frost. Under this treatment the plants develop in the most natural way, and are much superior to stock which has been forced in a high temperature into an unnatural and weakened growth, and to the comparatively worthless Roses which are sold so cheaply in a dormant condition. Our Roses, with few exceptions, are either home-grown or grown for us in Europe by specialists who have made a life-study of the Rose, a very large percentage of the Hybrid Teas and Hybrid Perpetuals having been received from the famous nurseries of Messrs. Dickson & Sons, Belfast, Ireland. With few exceptions, our Roses are budded or grafted, and while some planters prefer stock grown on their own roots on account of the liability of budded plants to throw up suckers, this will rarely occur if the deep planting as directed below is followed, and if a wild shoot should appear it is readily distinguished by the most casual observer, and should be removed close to the root. Much can be said in favor of budded plants, being more vigorous, producing finer blooms, come into bearing sooner, and are equally as permanent and hardy as those on their own roots, and many of the choicest sorts do not succeed unless budded or grafted.

HOW TO GROW ROSES.

SITUATION.—Good Roses may be grown in any open, sunny position, if possible sheltered from north winds, and clear of all roots of trees and shrubs.

PREPARATION OF THE BEDS.—Roses will grow and give good returns in any fertile, well-drained ground; but it is worth while to use some care in the preparation of the beds, as the general health of the plants, quantity and quality of bloom usually more than repays the extra care expended on this detail. The best soil for Roses is the top soil from an old pasture and well-rotted cow manure. Dig out the bed to a depth of two feet or more, and, if drainage is imperfect, it must be provided for. Fill in with a mixture of soil and manure as above. It is best to make the beds some time in advance of planting, to allow time for settling. After the soil is settled, it should be about an inch below the level of the adjacent surface; make the beds not over $3\frac{1}{2}$ to 5 feet wide, which enables you to pick the blooms without stepping on the bed:

PLANTING AND SUMMER CARE.—The ideal time to plant Roses as prepared by us is in the spring, just after danger from severe frost is past.

Tea and Hybrid-Tea varieties can be set 18 inches apart, Hybrid Perpetuals two feet apart, and both eight inches from the edge of the beds. When the plants are supplied in pots, they should be set so that the ball of earth is about two and one-half inches below the level of the ground. Firm the soil well around the plants, and give a thorough watering if the soil is dry. Throughout the summer the surface of the soil should be cultivated weekly. If this is done, watering will be rarely necessary.

PRUNING.—The Roses sent out by us in Spring require no further pruning; they are ready to plant as received. For instructions how to prune during succeeding seasons, see the directions given under the headings of the different classes in the pages following.

WINTER PROTECTION.—In this latitude we have found that the most satisfactory protection is to draw up a mound of soil from 8 to 10 inches high around the base of the plants, then covering the entire beds after the ground begins to freeze with any loose material, such as strawy manure, evergreen boughs, or corn stalks, and in more severe climates heavier covering is all that is required.

ENEMIES.—When grown under favorable conditions, Roses are not so apt to be attacked by insect pests or other troubles as they are if half starved and otherwise neglected. Our own experience shows that a weekly application of Bordeaux Arsenate of Lead Mixture, at the rate of eight ounces to five gallons of water, applied with a whisk broom, or any sprayer that will reach the under side of the foliage, beginning at the time that the plants have developed into active growth, and continued throughout the season, will keep them free of almost all insect pests, as well as fungous diseases, but if in spite of this spraying, mildew should affect the foliage, use Sulphide of Potassium at the rate of one-half ounce to one gallon of water. This is sometimes effective where the Bordeaux Mixture fails. It may be necessary to supplement this treatment with several applications of any tobacco solution, or tobacco dust, for green-fly or aphids, which may appear during the growing season.



GENERAL VIEW OF DREER'S ROSE GARDEN AT THE NATIONAL FLOWER SHOW, PHILADELPHIA, 1916



DREER'S
ROSE GARDEN

NATIONAL FLOWER SHOW

Philadelphia, March 25th to April 2d, 1916



THE National Flower Show held in Philadelphia last Spring is conceded to have been the greatest Flower Show ever held in America, there were many superb and unusual displays of Decorative and Flowering Plants, Cut Flowers, etc., but DREER'S ROSE GARDEN which covered an area of 1700 square feet was unanimously admitted to be the one greatest and outstanding feature of the great show.

Although not entered for competition it received the unusual distinction of being awarded TWO GOLD MEDALS, one by the American Rose Society, the other by the Society of American Florists and Ornamental Horticulturists.

The judges of the American Rose Society in making their award accompanied same with a special report as follows:



"In awarding the Gold Medal for the Exhibit of Roses by Henry A. Dreer, Inc., the Judges feel that a special word of commendation should accompany the award. Never before at any Flower Show in the United States has such a result been achieved. The patience and interest required to accomplish this result is worthy of our sincerest appreciation. The exhibit as arranged deserves the approval of the most artistic and will surely be a factor in making the Philadelphia Show a success."

Signed: —
 PHILIP BREITMEYER,
 ALEXANDER B. SCOTT,
 GEORGE C. THOMAS, JR., } Judges.



HARDY EVERBLOOMING HYBRID-TEA ROSES

For garden culture the Hybrid-Tea Roses have now taken the foremost rank. They have been produced by crossing the free-flowering Tea Roses with other varieties, principally of the June-flowering or Hybrid Perpetual classes, thus combining not only the free-flowering habit of the Tea Rose with the rich and varied colors of the other classes, but also comparative hardiness.

The greatest efforts of the world's most noted Rose specialists during the past quarter of a century have been devoted to this class of Rose, and the results achieved have been really wonderful. Not only is every color known in Roses now represented, but there are many beautiful shades and color combinations not found in the other types.

At our Nurseries, Riverton, N. J., we have trial beds containing more than 500 varieties of Hybrid-Tea Roses alone, embracing all the standard varieties, as well as the latest introductions. An inspection of these is at all times interesting, and especially so during the height of the Rose season, usually from the last week in May until the beginning of July.

We list this season 133 varieties of Hybrid-Tea Roses. These, with the exception of a very few of the latest introductions, are all varieties which we have found from actual test in the trials noted above to be sorts of superior merit and especially adapted to our climatic conditions, each and every one a perfect gem in its particular color or form.

For best results Hybrid-Tea Roses should be severely pruned; the stronger shoots should be cut back to from 8 to 12 inches in height, while all weak, thin wood should be removed entirely.

NEW HYBRID-TEA ROSES Introductions of 1914 to 1917

Every season the list of new Roses offered with glowing descriptions grows greater and greater. Necessarily many of these novelties are either lacking in merit or do not suit our conditions, and with this in mind, it has been our custom to select from these novelties only such that we know either from actual trial or from reliable information to be distinct and of superior merit; and while we occasionally miss a valuable variety by this careful selection, and in spite of it also occasionally include a sort which on better acquaintance is found lacking, such instances, considering the host of novelties offered every season, are comparatively few.

While the beginner or amateur, who only wants a limited number of varieties, will find just as great pleasure in adding to his collection from the older and less expensive varieties offered on pages 179 to 184, we recommend these new sorts for trial to the connoisseur who already has an extensive collection, and to those who wish to keep strictly up to date.

All the Roses we offer are strong two-year-old plants.

Admiral Ward. (Pernet-Ducher, 1915.)

A splendid crimson-red, shaded fiery red; it has large globular flowers with curved petals; its growth is vigorous, of desirable spreading habit, with healthy, attractive bronzy-green foliage. 75 cts. each.



HYBRID-TEA ROSE ADMIRAL WARD

Aladdin.

(Wm. Paul & Son, 1917.)

A most distinct variety that promises to become an excellent bedding sort; in color, the buds, when first expanding, are of a coppery-yellow, changing when fully open to an orange-yellow; the flowers are produced in great profusion on strong upright stems. \$2.50 each.

Brilliant. (Hugh Dickson, 1915.)

The most intense scarlet, one of the brightest colors yet achieved in Roses; of free branching upright growth; clean, handsome, mildew-proof foliage. Awarded Gold Medal National Rose Society of England. 75 cts. each.

Cheerful.

(McGredy & Son, 1916.)

Pure orange flame, the flame shading overspreading the petal, giving it a wonderful and pleasing effect which is retained as the flower ages, large, full and of fine form; flowers freely and continuously throughout the season. \$1.25 each.

Circe.

(Wm. Paul & Son, 1917.)

Handsome, elongated buds, developing into splendid large and full flowers of flesh-white shaded carmine, the base of the petals deep yellow. \$2.50 each.

Clarice Goodacre.

(Dickson & Sons, 1917.)

The introducers describe this as a Rose of chaste beauty, with a most distinct and refreshing tangerine-orange perfume. Its deeply pointed blooms are three-quarter zoned biscuit-chrome on ivory. white stiff petals, which always come absolutely perfect. \$2.50 each.

Cleveland.

(Hugh Dickson, 1917.)

Very large flowers, full, of exquisite form and produced freely and continuously throughout the season. Color deep coppery-yellow at the base of the petals, which are heavily flushed reddish-copper on old-gold with metallic sheen. \$2.50 each.

All those interested in Roses should become members of the American Rose Society and receive, as soon as published, the valuable American Rose Annual for 1917. We will gladly secure associate membership for any of our friends upon receipt of the annual fee of \$1.00.

NEW HYBRID-TEA ROSES—Continued

Colleen.

(McGredy, 1915.)

Brilliant rose, shaded rose-pink with deeper rose-crimson veneering on a distinct creamy-yellow ground, never fading until the petals drop. It is quite full with high pointed centre, forming a remarkably sweet-scented flower. Awarded Gold Medal National Rose Society of England. 75 cts. each.

Constance.

(Pernet-Ducher, 1915.)

A free-flowering variety, producing beautiful long orange-yellow buds of perfect form; these are more or less streaked with crimson; as the flowers fully develop they open to a full globular flower of golden-yellow. 75 cts. each.

Countess Clanwilliam.

(Hugh Dickson, 1915.)

Long pointed buds opening to large, full, high centered flowers of great beauty. Color delicate peach-pink at the base of the petals, which are flamed and heavily edged with deep cherry-red, a beautiful contrast, which brings out the strong individuality of this charming Rose. Awarded Gold Medal National Rose Society of England. 75 cts. each.

Crimson Emblem.

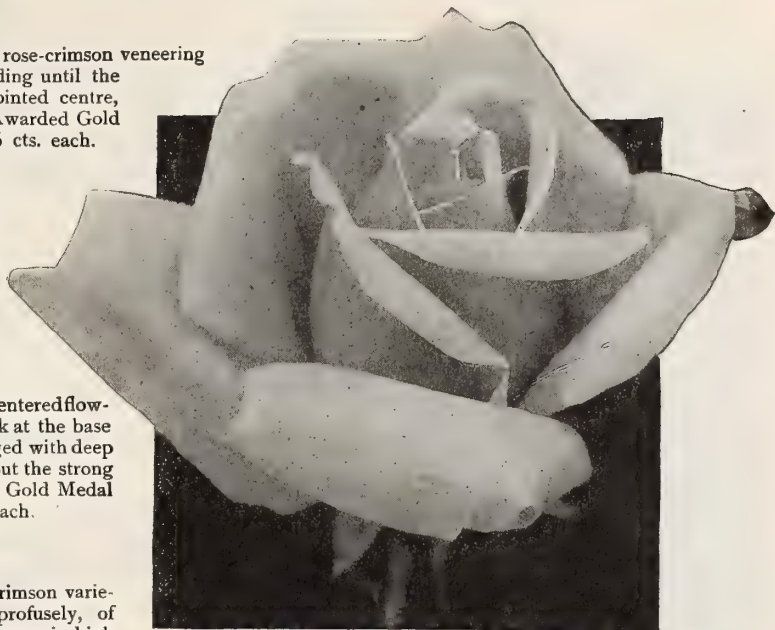
(McGredy, 1917.)

One of the most beautiful of the glowing crimson varieties, of exceptional free growth, flowering profusely, of perfect form and delightfully scented, a great advance in high colored sorts. Awarded Gold Medal Irish Rose Society. \$2.50 each.

Donald MacDonald.

(Dickson & Sons, 1917.)

Messrs. Dickson describe this "The most floriferous Rose we know of with perfect habit, and the most ideal and radiant Rose one can imagine. As a bedder it is never out of bloom during rose time. Its medium size, blooms are full double, composed of shell-like petals, which glow with intensely orange-carmine color, and are perfect miniature exhibition flowers, 3½ to 4 inches across." Awarded Gold Medal National Rose Society of England. \$2.50 each.



HYBRID-TEA ROSE COLLEEN

Duchess of Normandy.

(P. Le Cornu, 1914.)

A sport from the favorite and beautiful Rose Dean Hole, with which it is identical, except in color, which is of a delicate salmon-flesh overlaid with yellow; a soft and pleasing color. 75 cts. each.

Edgar M. Burnett.

(McGredy, 1915.)

Very large, full flowers of splendid form, with large flesh-colored petals tinted rose; an advance on the type of Rose of which the beautiful Lady Alice Stanley is a representative; one of the sweetest scented Roses in existence, even surpassing "La France" in this respect. Awarded Gold Medal National Rose Society of England. 75 cts. each.

Edith Part.

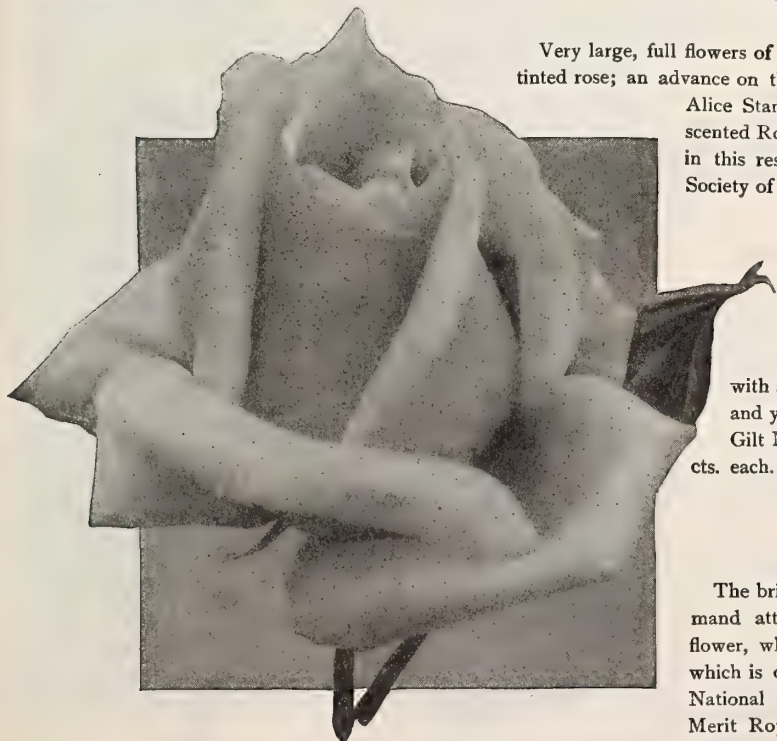
(McGredy, 1914.)

A Rose with a novel and entirely distinct blend of color, which is a rich red with a suffusion of deep salmon and coppery-yellow with a deeper shading in the bud stage of carmine and yellow; very sweetly scented. Awarded Silver Gilt Medal National Rose Society of England. 75 cts. each.

Edward Bohane.

(Dickson & Sons, 1916.)

The brilliant velvety crimson-scarlet is sure to command attention for this beautiful large well-formed flower, which is freely borne on strong erect stems and which is delightfully fragrant. Awarded Gold Medal National Rose Society of England, and Award of Merit Royal Horticultural Society of London. \$1.25 each.



HYBRID-TEA ROSE COUNTESS CLANWILLIAM



NEW HYBRID-TEA ROSES—Continued

H. V. Machin.

(Dickson & Sons, 1915.)

Of gigantic size and described by the introducers as the most magnificent exhibition variety they have yet introduced; in color an intensely black-grained scarlet-crimson, carried on rigid, sturdy stems with ideal foliage. Awarded Gold Medal National Rose Society of England. 75 cts. each.

Imogen.

(Wm. Paul & Son, 1916.)

Centre of flowers orange-yellow, shading to pale yellow and creamy-white at the outside; beautiful long pointed buds opening to flowers of exquisite form; a splendid acquisition. \$1.50 each.

Iona Herdman.

(McGredy, 1915.)

A pure clear orange-flame, surpassing in color the Pernetiana Rose "Rayon d'Or" with true Hybrid-Tea growth and character. Mr. McGredy considers it the most beautiful yellow decorative Rose in existence; free-flowering, of splendid form and sweetly scented. Awarded Gold Medal National Rose Society of England. 75 cts. each.

Irish Fireflame.

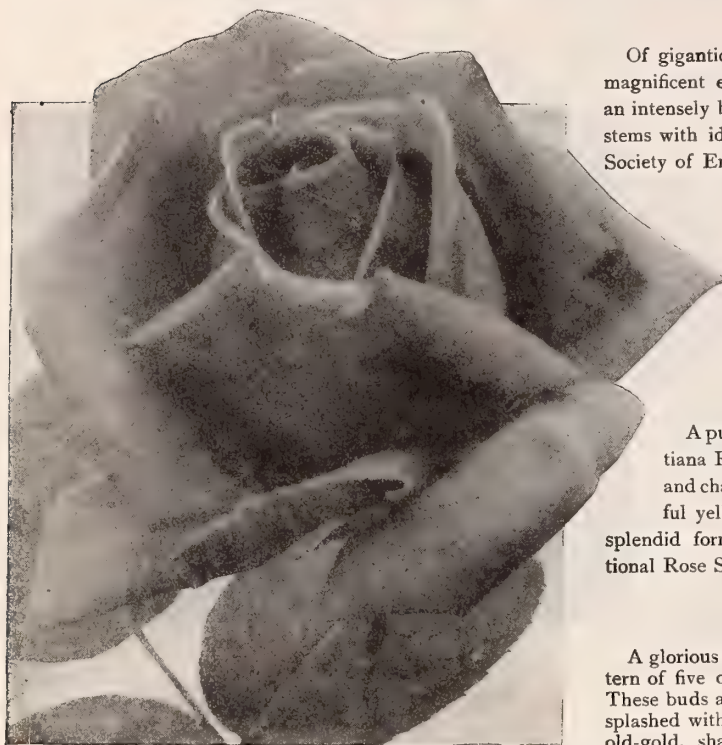
(Dickson & Sons, 1914.)

A glorious single-flowering variety, bearing its flowers in cluster of five or more; splendid for cutting in sprays in bud form. These buds are wonderfully rich in coloring, a rich deep orange, splashed with crimson, opening to a large single flower of a satiny old-gold, shaded with ochre. Awarded Gold Medal National Rose Society of England. 75 cts. each.

Isobel.

(McGredy, 1917.)

A single-flowering or five-petalled variety that was awarded a Gold Medal by the National Rose Society of England. It is described as the most beautiful single Rose grown, with flowers 4½ inches in diameter; in color a rich carmine-red, flushed orange-scarlet, with faint Austrian-copper shading, and a pure yellow centre or zone; delightfully fragrant. \$2.50 each.



HYBRID-TEA ROSE FRANCIS SCOTT KEY

Flame of Fire.

(McGredy, 1917.)

Recommended especially as a most effective bedding garden variety, its color a deep, pure orange-flame, intensely bright and wonderfully free-flowering. The plant is of sturdy growth, holding its flowers erect on stiff stems. Awarded a Certificate of Merit by the National Rose Society of England. \$2.50 each.

Francis Scott Key.

(John Cook, 1913.)

This strong, sturdy-growing variety of American origin has proven a valuable Rose for the garden. The flowers are large, very double, well formed and of unusual substance, while in color it is a deep even red. 75 cts. each.

G. Amedee Hammond.

(Dickson & Sons, 1916.)

Color cadmium or deep apricot, shading off to fawn or delicate buff; flowers large, perfectly formed, opening well in all weathers, very floriferous and fragrant and carried on erect stems. Awarded Gold Medal National Rose Society of England. \$1.25 each.

Gorgeous.

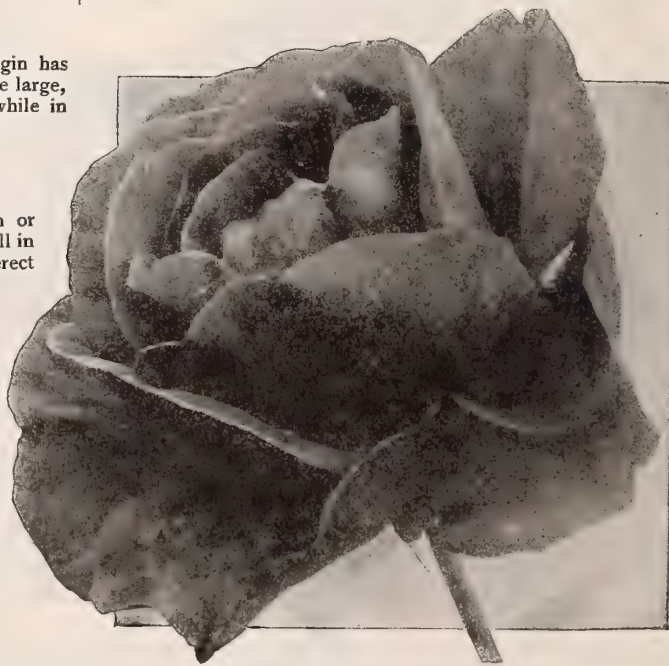
(Hugh Dickson, 1916.)

Flowers large, full and exquisitely formed, of a deep orange-yellow, flushed coppery-yellow and heavily veined with reddish-copper, a most striking and novel color; it is of strong, vigorous habit. Awarded Gold Medal National Rose Society of England. \$1.25 each.

Hadley.

(Waban Conservatories, 1915.)

Has proven to be one of the best garden varieties of its color, a rich crimson, varying to deep velvety crimson, its well formed; intensely fragrant flowers are produced continuously throughout the season. 75 cts. each.



HYBRID-TEA ROSE HADLEY

NEW HYBRID-TEA ROSES—Continued

Janet. (Dickson & Sons, 1916.)

This is virtually a dwarf "Gloire de Dijon," with large globular cupped formation, not opening flat, as does its lovely prototype. It is also deeper in color, a pleasing silky salmon-flesh, developing to a deep fawn, a most refined delightfully fragrant flower. \$1.00 each.

Josephine. (Paul & Son, 1915.)

A vigorous growing variety with large, full, splendidly shaped flowers of a most pleasing rosy-flesh, the base of the petals being salmon-yellow. 75 cts. each.

Los Angeles.

(Howard & Smith, 1917.)

This magnificent new American Rose is illustrated in color and described on page 178. \$2.00 each.

Majestic.

(William Paul & Son, 1915.)

A splendid, fine carmine Rose with a long and full bud opening to a large double flower; it is of strong, erect habit; a fine bedding variety and a most desirable cut flower. Awarded Gold Medal National Rose Society and Certificate of Merit Royal Horticultural Society of England. 75 cts. each.

Margaret Dickson Hamill.

(Dickson & Sons, 1916.)

A magnificent Rose, its delicate straw-colored deep shell-like petals are flushed with carmine on the back. Its globular blooms are produced in great profusion on vigorous erect bronzed wood with bronzy-crimson leaf stalks bearing leathery bronzy-green foliage, deliciously fragrant and a great acquisition. Awarded Gold Medal National Rose Society of England. \$1.25 each.



HYBRID-TEA ROSE JANET

Marcella. (William Paul & Son, 1914.)

Buds buff; the opening flower, which is of splendid full, double form, is of a pleasing salmon-flesh color; the habit of the plant is vigorous, free and continuous flowering; an exceptionally fine autumnal bloomer. Award of Merit Royal Horticultural Society of England. 75 cts. each.

Modesty. (McGredy, 1917.)

Messrs. McGredy become enthusiastic in describing this as perhaps the most model shaped flower among the Hybrid-Tea varieties. Its buds are unusually long and pointed and its flowers retain a good shape in all stages of development; color pearly-cream faintly flushed rose; very sweet scented and free-flowering. \$2.50 each.

Miss Stewart Clark.

(Dickson & Sons, 1917.)

A delightful pure golden-yellow or brilliant deep lemon-chrome, the color of which is solid throughout and which does not fade; the flowers are of medium size, exquisitely fragrant and freely produced. \$2.50 each.

Mme. Colette Martinet.

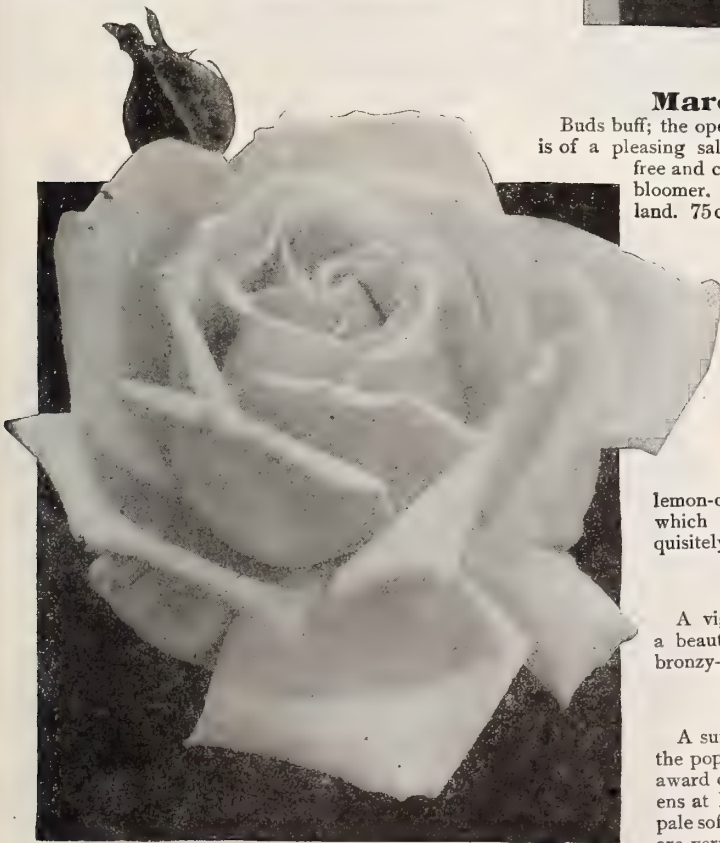
(Pernet-Ducher, 1915.)

A vigorous growing long golden-yellow bud opening to a beautiful old-gold shaded with orange-yellow; attractive bronzy-green foliage. 75 cts. each.

Mme. Marcel Delanney.

(Leenders, 1916.)

A surprisingly beautiful novelty raised by the introducers of the popular Rose Jonkheer J. L. Mock and honored with the award of the Gold Medal at the trials of the Bagatelle Gardens at Paris in 1915. It is distinct and peculiar in color, a pale soft pink or rose shaded with hydrangea pink; the flowers are very large, full and fragrant, perfect in form and borne on rigid stems; the growth is vigorous and very floriferous. One of the most distinct Roses for cutting or garden decoration, \$1.00 each.



HYBRID-TEA ROSE MME. MARCEL DELANNEY



NEW HYBRID-TEA ROSES—Continued

Mrs. MacKellar.

(Dickson & Sons, 1916.)

In strong habit of growth and freedom of flowering this beautiful new Rose, which we have had the pleasure of becoming acquainted with in our trial grounds for the past four years, will compare favorably with such a strong growing variety as Caroline Testout. In color it is a distinct light lemon-yellow, shading to almost creamy-white in warm weather. It has large flowers with full high centres of splendid build, a valuable Rose in every way. Award of Merit Royal Horticultural Society of London. \$1.00 each.

Mrs. Maud Dawson.

(Dickson & Sons, 1916.)

An exquisite Rose of a brilliant orange-carmine, deeply pointed petals, flowers freely and continuously produced; delightfully tea-scented. Awarded Silver Medal National Rose Society of England. \$1.25 each.

Mrs. Mona Hunting.

(Hugh Dickson, 1917.)

Very double medium sized flowers with long pointed buds of distinct and novel color, which is a deep chamois-yellow, opening to pure fawn and produced very freely. Awarded Silver Gilt Medal National Rose Society of England. \$2.50 each.

Mrs. Wemyss Quin. (Dickson & Sons, 1915.)

A yellow Rose of unusual merit, and which on account of this was awarded a Gold Medal at Paris during the past summer, where it was shown in competition with many other novelties at the extensive trials in the Bagatelle Gardens. In color it is of luminous deep canary-yellow; the outside petals are frequently tinged with crimson-orange. It is entirely distinct from all others; the flowers are of good form and very sweet scented 75 cts. each.



HYBRID-TEA ROSE MRS. WEMYSS QUIN

Mrs. Ambrose Riccardo.

(McGredy, 1915.)

Varying in color from a deep honey-yellow with soft but glowing rosy suffusion to a soft saffron-yellow; of great size, the largest of its type. A magnificent, delightfully fragrant Rose, and remarkably free-flowering. Awarded Silver Gilt Medal National Rose Society of England. 75 cts. each.

Mrs. Bertram J. Walker.

(Hugh Dickson, 1916.)

Flowers large, very full and of perfect symmetrical form, freely and abundantly produced throughout the season. Color a very distinct, clear, bright cerise-pink of novel and distinct shade, a Rose of the highest merit, exceedingly attractive in color and habit of growth. Awarded Gold Medal Rose Society of England. \$1.25 each.

Mrs. Bryce Allan.

(Dickson & Sons, 1917.)

Large globular imbricated flowers borne on erect stems, and of a solid carmine-rose color, one of the most highly perfumed varieties known, having an intense true moss-rose fragrance. A Gold Medal variety. \$2.50 each.

Mrs. George Gordon.

(Hugh Dickson, 1916.)

Large beautifully formed flowers with high pointed centres; color bright rosy-pink, flushed silvery-pink toward the edges of the petals, which are zoned yellow at the base; habit strong and vigorous, flowering very freely. \$1.25 each.

Mrs. Glen Kidston.

(Dickson & Sons, 1917.)

A most pleasing variety of unique color, which is a brilliant cinnamon rosy-carmine, which as the blooms mature becomes a pleasing deep rose. It is of the same type as Lady Pirrie and is equal to that good variety in profuseness of bloom and bedding qualities; its flowers are of good form and deliciously scented. \$2 50 each.



HYBRID-TEA ROSE MRS. MACKELLAR

NEW HYBRID-TEA ROSES—Continued

Muriel Dickson.

(Hugh Dickson, 1916.)

Of strong free-branching habit, producing its flowers freely and perpetually with long-pointed buds of a deep reddish copper passing to cherry-red with coppery shadings as the flowers expand; one of the most distinct. Awarded Gold Medal National Rose Society of England and Award of Merit Royal Horticultural Society of London. \$1.25 each.

National Emblem.

(McGredy & Son, 1916.)

Messrs. McGredy consider this as their greatest effort in their twenty years of hybridizing and believe it to be the most perfect of all Garden Roses. In color it is a dark crimson, overlaid velvety crimson, shading to vermilion at the edges; the buds are long and pointed, the flowers quite full, every one coming perfect, are produced with marvelous freedom right through the season. \$1.00 each.

Nellie Parker.

(Hugh Dickson, 1917.)

Strong vigorous growth, large flowers, very double and of beautiful form and abundantly produced. Color light creamy-white with deeper centre, frequently charmingly flushed with blush at the tips of the petals. Awarded Gold Medal, Royal Horticultural Society of Ireland and Gold Medal, National Rose Society of England. \$2.50 each.

Old Gold.

(McGredy, 1914.)

In bud form this Rose appeals to every one on account of its wonderful color, which is entirely distinct from and not found in any other Rose, a vivid orange-red, with coppery-red and apricot shadings, and which is further set off by the healthy, glossy, bronze-green foliage; delightfully fragrant; a vigorous grower and very free-flowering. Awarded Gold Medal National Rose Society of England. 75 cts. each.



HYBRID-TEA ROSE QUEEN MARY

Primerose. (Souper et Notting, 1914.)

A magnificent bedding Rose coming melon-yellow during the Spring and Summer, deeper in the autumn, with apricot shadings, a most distinct coloring, flowers large, of perfect form, with elegant long-pointed buds, deliciously scented. 75 cts. each.

Prince Charming.

(Hugh Dickson, 1917.)

Vigorous free-branching growth, and flowering in the greatest profusion. Buds full and beautifully formed, long and pointed; color deep reddish copper, with old gold base, a bedding Rose of excellence. \$2.50 each.

Queen Mary.

(Dickson & Sons, 1914.)

A free-flowering Rose of great beauty and refinement; flowers of medium size and fine form, color bright canary-yellow, crayoned at the edges with pure, deep carmine, a charming color combination and most delightful contrast, as the colors do not co-mingle. Awarded Silver Gilt Medal. 75 cts. each.

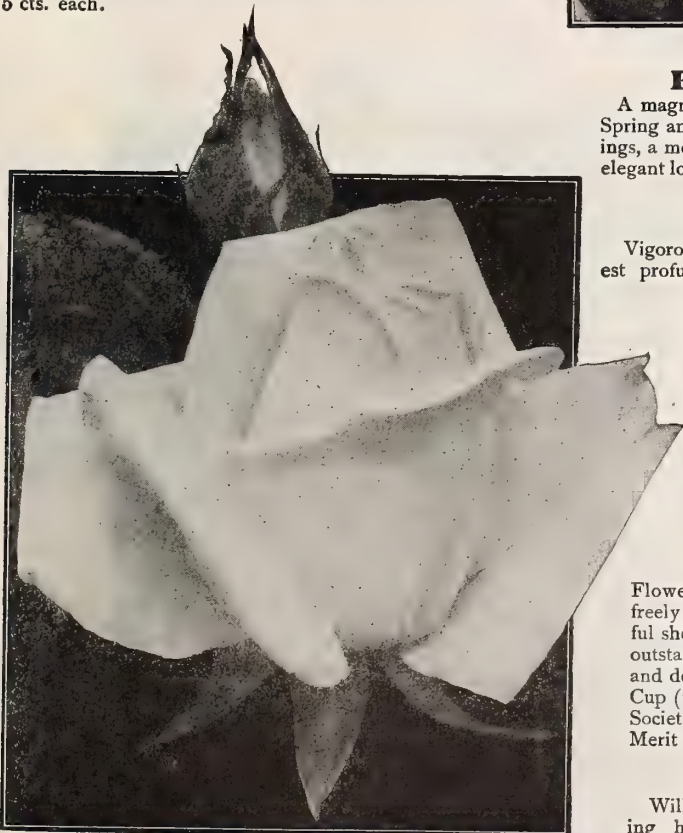
Queen of Fragrance.

(Wm. Paul & Son, 1916.)

Flowers large, double, and of elegant graceful shape and freely produced throughout the season; the color is a beautiful shell pink, tipped with silver, bright and pleasing. An outstanding quality of this beautiful new Rose is its powerful and delicious fragrance, which won for it the Clay Challenge Cup (value \$375.00) at the Show of the Royal Horticultural Society of England in July, 1914, as well as a Certificate of Merit from the National Rose Society. \$1.00 each.

Red Cross. (Dickson & Sons, 1917.)

Will prove an excellent bedding Rose of vigorous branching habit. Color orange, crimson-scarlet, very sweet scented and of free-flowering habit. \$2.50 each.



HYBRID-TEA ROSE PRIMEROSE



NEW HYBRID-TEA ROSES—Continued

Tipperary.

(McGredy & Son, 1917.)

In color stands between Lady Hillingdon and Melody, showing an attractive shade of soft golden yellow in the bud and half-developed flower. Its freedom of flowering and its habit of growth will make it one of the most desirable Roses of its color. \$2.50 each.

Totote Gelos.

(Pernet-Ducher, 1915.)

A strong vigorous grower of erect branching habit, with shapely long buds borne on stout stems and large full globular flowers, color flesh tinted white, frequently shaded with chrome-yellow in the centre, particularly so in the Fall flowers. 75 cts. each.

Ulster Gem.

(Hugh Dickson, 1917.)

Another single variety which was awarded both a Gold Medal and a Silver Gilt Medal by the National Rose Society of England. The flowers are frequently 6 inches in diameter and of beautiful outline, its large shell-like petals are of a deep primrose-yellow and its prominent and abundant anthers show conspicuously on the large open flowers. \$2.50 each.

W. C. Gaunt.

(Dickson & Sons, 1917.)

Shapely, medium sized, long pointed, always perfect blooms with naturally reflexed petals of brilliant vermilion, tipped scarlet which is intensified by the deep crimson-maroon reverse, very sweet scented. Awarded First-Class Certificate by National Rose Society of England. \$2.50 each.

William Cooper.

(Hugh Dickson, 1915.)

Deeprich lake-red, a fine bold handsome flower produced in great profusion. One of the best garden Roses of recent introduction. Awarded Silver Gilt Medal National Rose Society of England. 75 cts. each.



HYBRID-TEA ROSE TOTOTE GELOS

New American Hybrid-Tea Rose "Los Angeles."

(Howard & Smith, 1917.)

It is a great pleasure to be able to offer such a meritorious new Rose, particularly so, one of American origin, and we believe that this splendid variety is only the forerunner of other equally good sorts "Made in America."

We have not only seen the originators' great field of it in California, but have also had the opportunity of watching the behavior of a dozen plants in our own trial beds the past Summer, under what has been one of the most trying seasons we have ever experienced, and it has given a most satisfactory account of itself in strong, vigorous growth and in freedom of bloom in which it was not equalled by any other variety in its first season after planting.

Even at this late date (October 20th) after several sharp frosts we have before us some splendid flowers over four inches across, as perfect in form as those shown on our colored plate, but with a life and fire of color that makes our color plate which we consider very good appear dull and lifeless.

Following is the originators' description:

"Los Angeles is, by all odds, one of the finest Roses ever introduced. The growth is very vigorous, and produces a continuous succession of long-stemmed flowers of a luminous flame-pink toned with coral and shaded with translucent gold at the base of the petals. In richness of fragrance it equals in intensity the finest Marechal Neil. The buds are long and pointed and expand into a flower of mammoth proportions, while the beauty of form and ever increasing wealth of color is maintained from the incipient bud until the last petal drops."

Unlike many of the new imported Roses the plants are extra heavy two-year-old stock, which should give a full crop of flowers this season. Price, \$2.00 each.



HYBRID-TEA ROSE TIPPERARY

By all means include "Los Angeles" in your collection



New American
HYBRID-TEA ROSE
"Los Angeles"

A vintage photograph of three roses. The top rose is labeled 'Lady Alice Stanley'. The bottom-left rose is labeled 'Lady Ashtown'. The bottom-right rose is labeled 'Ophelia'. The roses are light-colored with dark green leaves.

Lady Alice Stanley

Lady Ashtown

Ophelia

THREE OF
"The Dreer Dozen"
HYBRID-TEA ROSES



“THE DREER DOZEN”

Hardy Everblooming Hybrid-Tea Roses.

For many years it has been customary for us to offer under this heading only the very best and most popular, well-tried varieties of Hybrid-Tea Roses, with the majority of which every lover of the Rose is familiar.

We recommend this collection for general planting to the amateur who wishes a limited number of varieties, and who is desirous of a supply of extra choice flowers to cut throughout the summer and fall months. Those who desire a more extensive collection should include Dreer's “Peerless” Twelve offered on page 180, which we can recommend just as strongly; in fact, in our entire collection of Hybrid-Tea Roses offered on pages 172 to 184 there is not one individual sort which we cannot endorse as possessing superior merit, and with the exception of a very few of the latest novelties, which come to us from noted reliable specialists, all have been thoroughly tested in our own trial grounds.

Caroline Testout.

(Pernet-Ducher, 1890.)

One of the most popular and valuable bedding varieties, large, full, globular flowers of bright satiny-rose, with brighter centre; very free and fragrant.

General MacArthur.

(E. G. Hill, 1905.)

As an all-round garden Rose, there is no variety of its color—a rich crimson scarlet—which will give equal satisfaction; a clean, healthy, vigorous grower, producing its sweetly-scented flowers of good form in great profusion even under the most unfavorable weather conditions.

Jonkheer

J. L. Mock.

(Leenders, 1910.)

One of the best bedding varieties. The flowers, which are produced with the greatest freedom on long stiff stems, are of large size and of perfect form, of a deep imperial-pink, the outside of the petals silvery-rose white.

Kaiserin Augusta Victoria

(Peter Lambert, 1891.)

This splendid Rose should be in every collection. In color it is a soft pearly-white, tinted with just enough lemon in the centre to relieve the white; remarkably fragrant, beautifully formed flowers on long graceful stems; a strong, free, healthy grower, with bold, handsome foliage.

Killarney.

(Dickson & Sons, 1898.)

This is the best known of Dickson's famous Irish Hybrid-Tea Roses, and is one of the most popular of our garden Roses. In color it is a sparkling brilliant pink, the blooms are large, the buds long and pointed, the petals very large and of great substance, and just as handsome in the full-blown flower as in the bud form.

Lady Ashtown.

(Dickson & Sons, 1904.)

One of the freest-flowering varieties in the collection, and produces perfect blooms under all weather conditions. The flowers are large, double with high-pointed centre, and are produced on long stems; splendid for cutting; in color a soft rose, shading to yellow at the base of the petals. Illustrated on the plate opposite.

Price: Any of the above in strong two-year-old plants, 60 cts. each; \$6.00 per doz.; \$45.00 per 100.
One strong two-year-old plant each of the “DREER DOZEN,” a fine collection for \$6.00.

Lady Alice Stanley.

(McGredy, 1909.)

A gem that everyone admires; it is absolutely perfect in every way; form, color, size, freedom of bloom and fragrance, are all fully developed; in color it is a beautiful shade of coral-rose, the inside of the petals shading to flesh-pink with deeper flushes. Illustrated on the plate opposite.

Laurent Carle.

(Pernet-Ducher, 1907.)

Produces its large, deliciously-scented, brilliant carmine flowers throughout the season, nearly as good in hot, dry weather as under more favorable weather conditions. A vigorous grower and as hardy as a Hybrid Perpetual.

Mme. Leon Pain.

(Guillot, 1904.)

Entirely distinct in color, a silvery-salmon, with deeper orange-yellow, shaded centre, the reverse of the petals being a salmony-pink; flowers large, full and well formed; very free-flowering.

Mme. Ravary.

(Pernet-Ducher, 1900.)

Should be in every collection on account of its distinct color, which is of a rich, deep nankeen-yellow, becoming lighter as the flower expands. The flowers are of splendid form, full, double and very fragrant.

Mrs. Aaron Ward.

(Pernet-Ducher, 1907.)

A remarkably floriferous variety of strong, vigorous, but compact growth; the young foliage is unusually attractive, a rich, bronzy-green color, the flowers which are of splendid form, full double, are equally

HYBRID-TEA ROSE KILLARNEY

attractive when full blown as in the bud state; in color a distinct Indian-yellow, shading lighter towards the edges; in fact, under certain weather or atmospheric conditions, the entire flower will sometimes come a yellow-tinted white, but it is beautiful under all color variations.

Ophelia.

(Wm. Paul & Son, 1913.)

A variety which has made such a record for itself that qualifies it to be classed with the very best, a Rose that is admired by everyone, its flowers are held erect on long stiff stems, are of perfect form, large size; and of a most pleasing delicate shade of salmon-flesh, shaded with rose, very floriferous. Illustrated on the plate opposite.

DREER'S "PEERLESS" COLLECTION OF TWELVE HYBRID-TEA ROSES

This collection of Hybrid-Tea Roses is made up principally of varieties of comparatively recent introduction, in fact two years ago some of these sorts were high-priced novelties. All of them, however, have been thoroughly tested out in our own trial grounds, and are sorts which we can recommend as worthy companions to, but entirely distinct from, the popular "Dreer Dozen" offered on page 179, and they are especially recommended to such of our friends who have already planted that collection.

Chateau De Clos Vougeot.

(Pernet-Ducher, 1908.)

An ideal Rose, of a dazzling color, being a rich scarlet, shaded fiery red, changing to dark velvety crimson as the flowers expand; as dark but richer in color than the popular Hybrid Perpetual variety Prince Camille de Rohan; it blooms continuously throughout the season.

Duchess of Wellington.

(Dickson & Sons, 1909.)

Intense saffron-yellow stained with deep crimson, changing to a deep coppery saffron-yellow as the flowers develop. The flowers are fairly full, with large petals of great substance, delightfully fragrant and very free-flowering.

George Dickson.

(Dickson & Sons, 1913.)

We give below Messrs. Dickson's own description of this beautiful Rose, all of which we can endorse from results seen in our own trial grounds. The only fault we can find is that it has not, with us, the perpetual flowering habit expected in a hybrid-tea Rose; but this is offset by the brilliant gorgeous display of deliciously fragrant flowers which it furnishes during June, equalled by no other high-colored variety. "Of vigorous growth, and produces huge blooms quite five inches across, while its huge leathery shell-shaped petals have wonderful lasting qualities. The color is velvety black scarlet crimson with brilliant scarlet reflexed tips." Awarded Gold Medal, National Rose Society of England.

Killarney Brilliant.

(Dickson & Sons, 1914.)

Killarney Brilliant is a sport from the original in which we have a Rose far more intense and rich in coloring, it being almost a crimson of a rich glowing shade, and in addition to its rich color it is also larger and more double than its parent. A truly magnificent Rose. 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

Louise Catherine Breslau.

(Pernet-Ducher, 1912.)

Entirely distinct from all other Roses in color, the buds are coral-red shaded with chrome yellow, while the expanded flowers which are very large, are of a superb shrimp-pink shaded coppery-orange and chrome yellow. 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

Marquise de Sinety.

(Pernet-Ducher, 1906.)

While only a moderate grower every one who has seen this beautiful Rose is enthusiastic over it. The buds are of a rich yellow-ochre, suffused with carmine; the expanded flower, of good size, is semi-double, of a rich golden yellow or Roman ochre, shaded with bright rosy-red.

Price. Any of the above, except where noted,

One strong two-year-old plant each of the above 12 "Peerless" varieties for \$6.50.

Mme. Edouard Herriot. The Daily Mail Rose

(Pernet-Ducher, 1914.)

Winner of the Gold Cup, which was offered by the London *Daily Mail* for the BEST NEW ROSE, exhibited at the International Horticultural Exhibition, held in London, England, May, 1912, also awarded Gold Medal by the National Rose Society of England, 1913.

M. Pernet-Ducher describes its color as follows: "Buds coral-red, shaded with yellow at the base, the open flowers of medium size, semi-double, are of a superb coral-red, shaded with yellow and bright rosy-scarlet passing to shrimp-red."



MME. EDOUARD HERRIOT OR DAILY MAIL ROSE

Mme. Jules Bouche.

(Croibier, 1911.)

A variety that is particularly fine for Summer and Fall flowers. It is not pure white, the color being relieved by a faint pink tinting; it is quite double and fine both in the bud as well as in the fully expanded flower. A strong vigorous grower and very free-flowering. 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

Mme. Melanie Soupert.

(Pernet-Ducher, 1906.)

For delicacy in coloring it would be difficult to surpass this magnificent semi-double large flowered variety which is especially fine in the bud form, in color a charming pale tint of salmon-yellow with pink and carmine suffusion.

Miss Cynthia Forde.

(Hugh Dickson, 1909.)

Flowers of great substance, color a deep brilliant rose shading on the back of the petals to a light rosy-pink. The flowers are large, full, of perfect form, very free-flowering and fragrant.

Sunburst.

(Pernet-Ducher, 1912.)

A superb Rose of good vigorous habit, flowers of fair size of elongated cup form and fine in the bud or half-open flower, color a rich cadmium-yellow with orange-yellow centre.

Willowmere.

(Pernet-Ducher, 1914.)

This splendid Rose is of a coral-red color, suffused with carmine in the bud state, and opens to a large, full, handsome flower of a rich shrimp-pink, shaded yellow in the centre and flushed carmine-pink towards the edges of the petals. 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

60 cts. each; \$6.00 per doz.; \$45.00 per 100.

DREER'S SELECT LIST OF HYBRID-TEA ROSES

Under this heading we offer on this and the following three pages the **World's best introductions of Hybrid-Tea varieties prior to the year 1914**, all of them sorts which we have had the pleasure of thoroughly testing in our own trial grounds, and which we can fully endorse and recommend to the large and small planter, and which, together with the novelties of 1914 to 1917, which are offered on pages 172 to 178, and our "Dreer Dozen" and "Peerless" Collections of Special Sorts offered on pages 179 and 180, form what is undoubtedly **the finest and most extensive collection of Hybrid-Tea Roses ever offered to the Rose loving American public.**

Antoine Rivorie (Pernet-Ducher, 1896). An ideal bedding Rose of large size, exquisite form and coloring, which is soft peach-flesh with deeper shadings; the base of the petals yellow.

Arthur R. Goodwin (Pernet-Ducher, 1909). A beautifully rich-colored coppery-orange; "gold of ophir," a visitor to our trial grounds very correctly called it who saw it in one of its stages of development; as the flower matures it opens to a soft salmon-pink; a good, full flower, very free and distinct.

Belle Siebrecht, or Mrs. W. J. Grant (Dickson & Sons, 1895). A superb Rose of a brilliant pink color; the sweetly-perfumed flowers are large, of good form; buds long and tapering.

Betty (Dickson & Sons, 1905). Early in the season this is a disappointment in the first flowers which it opens, but after it becomes established it produces blooms of marvelous beauty, particularly so in the autumn. The plant is a strong, vigorous grower, producing in great profusion its large, deliciously-scented flowers, which are of a glowing coppery-rose color, suffused with a golden sheen.

Dean Hole (Dickson & Son, 1904). Silvery-carmine with salmon-shadings; large, full, of fine form and very fragrant; a variety of great excellence.



HYBRID TEA-ROSE
ARTHUR R. GOODWIN



HYBRID TEA-ROSE
BETTY

Duchess of Sutherland (Dickson & Sons, 1912). A strikingly beautiful Rose of decided merit. The blooms are freely produced and are carried on rigid stems; they are large, full and conical, with a delightful sweet-briar perfume. The color is novel, a delicate warm rose-pink with lemon shading on the white base. 75 cts. each; \$7.50 per doz.

Duchess of Westminster (Dickson & Sons, 1911). A peerless Tea-like Rose with beautiful smooth and massive petals. The blooms are very large, full and perfectly formed, with high pointed centre. Very sweetly perfumed. The color, which is very novel, is a dainty clear rose-madder. The growth is vigorous, erect and of very free-flowering habit. A gorgeous and absolutely distinct Rose. 75 cts. each; \$7.50 per doz.

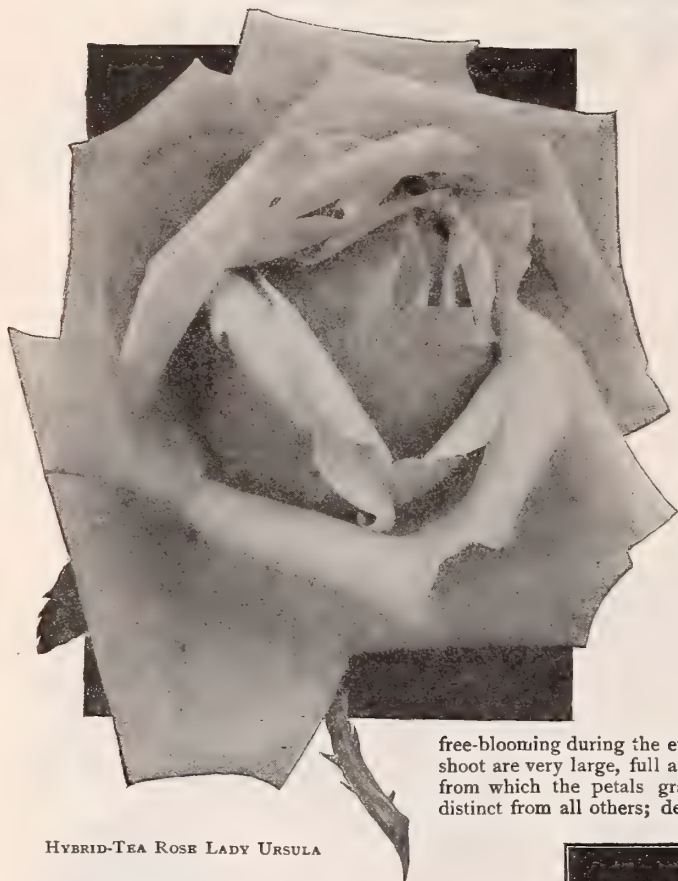
Earl of Warwick (Paul & Son, 1904). A magnificent Rose and entirely distinct from all other varieties. The flowers are large and full, of beautiful form and come perfect throughout the season under all weather conditions. In color it is a soft salmon-pink, shaded in the centre with vermillion.

Ecarlate (Boyard, 1907). Produces only medium-sized flowers, but is such a brilliant scarlet in color and such an incessant bloomer that it pleases everybody, and we count it among the best bedding varieties.

Price. Any of the above, except where noted, 60 cts. each; \$6.00 per doz.; \$45.00 per 100.

Every Rose Garden should have one or more of the new American Rose "Los Angeles." See page 178

Dreer's Select List of Hybrid-Tea Roses—Continued



HYBRID-TEA ROSE LADY URSULA

Edward Mawley (McGredy, 1911). A beautiful rich crimson, touched with maroon, with a delightful velvety gloss on the petals, which are large, forming a good-sized flower with high globular centre. The growth is strong and the very fragrant flowers are borne in profusion. Awarded a Gold Medal by the National Rose Society of England.

Etoile de France (Pernet-Ducher, 1905). Color vivid crimson with darker shadings; very double, of large size and deliciously scented.

Florence Haswell Veitch (Paul & Son, 1911). An entirely distinct brilliant scarlet, with black shadings, large, moderately double flowers, which are very fragrant.

Florence Pemberton (Dickson & Sons, 1903). A splendid large creamy-white, suffused with pink, a particularly good summer and fall bloomer.

General Superior Arnold Janssen (Leenders, 1912). A Holland introduction, which in our trial grounds has shown up most satisfactorily, its finely formed long buds are of an effective, deep, glowing carmine, and make a splendid long-stemmed cut flower.

George C. Waud (Dickson & Sons, 1908). A beautiful variety, possessing an entirely distinct color—a glowing vermillion with orange-red suffusion. The flowers are large, full, of perfect form and highly tea-scented. The plant is of moderately vigorous growth and very free-flowering.

Grace Molyneux (Dickson & Sons, 1908). A chaste Rose of rare beauty; the habit of growth is perfection, every shoot producing a bloom. A veritable pearl for garden decoration. The color is a creamy-apricot, flesh in the centre; the outer petals, when developed, are a delicate creamy-white inside, with a faint pink sheen on the reverse. Delightfully tea-scented.

Gruss an Teplitz (Geschwindt, 1898). This is a Rose for everybody, succeeding under the most ordinary conditions. In color it is of the richest scarlet shading to a velvety-crimson; very fragrant, a free, strong grower and in bloom all the time.

Gustav Grunerwald (P. Lambert, 1903). Carmine-pink, large, full, of fine form, buds long and pointed; one of the best.

Joseph Hill (Pernet-Ducher, 1904). A perfect gem and remarkably free-flowering; in color a lovely shade of salmon-pink; the perfect flowers are large, full and double.

Konigin Carola (Turke, 1904). This variety frequently produces flowers seven inches across and perfect in form, both in bud and when fully expanded. In color a beautiful satiny-rose, with the reverse of the petals silvery-rose; very floriferous and desirable in every way.

Lady Mary Ward. Rich orange shaded apricot, with a decided metallic veneering, very sweetly perfumed and free-flowering. A Gold Medal Rose. 75 cts. each; \$7.50 per doz.

Lady Pirrie (Hugh Dickson, 1910). Deep copper reddish-salmon; inside of petals apricot-yellow, flushed fawn and copper; an ideal variety admired by everyone.

Lady Ursula (Dickson & Sons, 1908). A truly magnificent Rose of vigorous, erect growth; exceedingly free-blooming during the entire summer and autumn. The flowers produced on every shoot are very large, full and of great substance and perfect form, with high centre, from which the petals gracefully reflex; in color a delightful shade of flesh-pink, distinct from all others; delicately tea-scented.



HYBRID TEA-ROSE GEORGE C. WAUD

Price. Any of the above, except where noted, 60 cts. each; \$6.00 per doz.; \$45.00 per 100.

The "Dreer Dozen" Hybrid-Tea Roses offered on page 179 will satisfy the most exacting

Dreer's Select List of Hybrid-Tea Roses—Continued

La France (Guillot, 1867). An old favorite and a model garden Rose in every way; flowers clear satiny pink; large, very full, of perfect form and very fragrant.

La Tosca (Schwartz, 1901). Beautiful silvery pink, with deeper centre; a very vigorous grower, with large double flowers and very free; a splendid bedder.

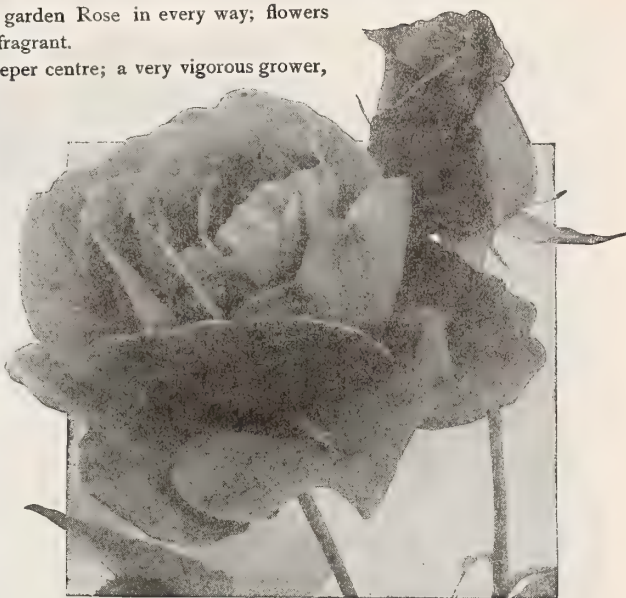
Lieutenant Chauré (Pernet-Ducher, 1907). A splendid velvety crimson-red; fine long bud with petals of cupped form; a vigorous grower and very free-flowering.

Lyon (Pernet-Ducher, 1907). The long buds are tipped coral-red and chrome-yellow at the base. The flowers when expanded are large and full, with broad petals of superb color, being a coral-red or salmon-pink, shaded with chrome-yellow in the centre, toning to a shrimp-pink at the tips.

Mabel Drew (Dickson & Sons, 1911). A magnificent Rose, exquisitely shaped, with smooth, circular petals of great substance, arranged in perfect symmetry. The blooms are large and full. The color is deep cream, passing to canary-yellow in the centre as the bloom develops, with a delicious perfume and sturdy, vigorous growth. Awarded a Gold Medal by the National Rose Society of England. 75 cts. each; \$7.50 per doz.

Mme. Charles Lutaud (Pernet-Ducher, 1913). A large, full, globular flower somewhat in the way of Marquise de Sinety, but with deeper colored flowers and a more vigorous habit of growth; buds ochre-yellow tinted with carmine; open flowers chrome-yellow, tinted with scarlet on the outer petals.

Mme. Edmond Rostand (Pernet-Ducher, 1913). This beautiful Rose is one of our favorites and might be called an improvement on Prince de Bulgarie, being of more vigorous growth and warmer coloring; a pleasing soft delicate flesh shaded with salmon, and reddish orange-yellow centre, from which it varies considerably under various atmospheric conditions, but it is always beautiful; the flower is large, quite double and globular.



HYBRID-TEA ROSE LIEUTENANT CHAURE

Mme. Abel Chatenay (Pernet-Ducher, 1895). Carmine-rose with salmon shadings; long pointed buds and double flowers, a strong grower and very free-flowering.

Mrs. George Shawyer (Lowe & Shawyer). Brilliant clear rose, splendidly formed; large, full double flowers on stiff, erect stems; extra fine in the autumn.

Mme. Jenny Gillemot (Pernet-Ducher, 1905). One of the most beautiful Roses in the collection, especially in the bud or semi-expanded form, heavy shell-like petals of unusual length; color a most pleasing nankeen-yellow suffused with carmine, an attractive color combination.

Mme. Jules Grolez (Guillot, 1897). A beautiful satiny china-rose color, very bright and attractive flowers, very double, of fine form and remarkably free-flowering; a distinct and pretty Rose, which should be planted extensively.

Mme. Philippe Rivoire (Pernet-Ducher, 1905). Very large flower, creamy-white suffused with apricot, a most beautiful Rose, particularly so in the bud form. 75 cts. each; \$7.50 per doz.

Mme. Second Weber (Soupert & Notting, 1908). A grand Rose in every way. It is a vigorous grower, free-flowering, large, perfectly formed, cup-shaped, fragrant flowers of mavelous beauty. In color it is of that soft tone of salmon-pink which appeals to everyone.

Mrs. Joseph H. Welch (McGredy, 1911). A very brilliant rose-pink, very large, artistically arranged flower of unusual form, with immense guard petals, delicately scented.

Be sure and include in your list of Roses the grand new American variety "Los Angeles." See page 178.



HYBRID-TEA ROSE LYON

Price. Any of the above, except where noted, 60 cts. each; \$6.00 per doz.; \$45.00 per 100

Dreer's "Peerless" dozen of Hybrid-Tea Roses are extra choicé. See page 180



Dreer's Select List of Hybrid-Tea Roses—Continued



HYBRID-TEA ROSE WILLIAM SHEAN

Mrs. Arthur Robert Waddell (Pernet-Ducher, 1908). An attractive colored variety that everyone likes, a delicate, soft, rosy-salmon, suffused with a golden sheen; flowers of medium size, especially handsome in half-expanded form; a free-flowering garden variety that should be in every collection.

Mrs. Wakefield Christie-Miller (McGredy, 1909). As a pink bedding Rose there is none better, and particularly so for massing, the flowers are distinct and novel in shape, the petals having wavy or crisped edges not unlike a Pæony. The flowers, which are of large size, remain perfect on the bushes for a long time and are produced very freely; they are of a bright pink color with lighter shadings, the plant is vigorous, and free and perpetual flowering.

My Maryland (J. Cook, 1909). One of the finest American introductions. Very free-flowering, every shoot bearing one or more flowers, which are double, of perfect form, of a bright but tender salmon-pink, which lights up beautifully as the flower expands; delightfully fragrant.

Nerissa (Wm. Paul & Son, 1912). A large perfect flower of a creamy-yellow shaded with white and peach-tinted centre; a strong grower, free bloomer and a splendid bedder.

Pharisaer (Hinner, 1903). Exceptionally free-flowering, producing long buds, which open into large, double flowers of a rosy-white, shading to a pretty soft salmon. A fine garden Rose that never disappoints in quality or in quantity. One of the best.

Price. Any of the above, except where noted, 60 cts. each; \$6.00 per doz.; \$45.00 per 100.

SPECIAL COLLECTIONS OF HYBRID-TEA ROSES.

One each of the 50 Select Varieties described on pages 181 to 184 for \$23.50.

One each of the above 50 sorts and a collection of the "Dreer Dozen," offered on page 179, and a collection of the "Peerless Twelve," offered on page 180, 74 Roses in all, a splendid up-to-date collection of high-grade varieties for \$35.00.

Prince de Bulgarie (Pernet-Ducher, 1902)

Large, full double flowers of splendid form, of a silvery-flesh color, deepening to the centre, and delicately shaded with salmon-rose, a color combination that pleases everyone, and a good reliable bedder.

Radiance (Cook, 1909). An ideal bedding

variety of remarkable free-flowering habit, of a brilliant carmine-pink, with yellow shadings at the base of the petals.

Richmond (Hill, 1905). A well-known brilliant crimson-scarlet; not very double, but beautiful in bud form, and always in bloom.

Souvenir du President Carnot (Pernet-Ducher, 1895). A

Rose that pleases everybody; fine in form, of large size and delicate in color; a soft rose shading to white.

Souvenir de Gustave Prat (Pernet-Ducher, 1910). An

ideal variety, producing its fairly large, globular flowers of a pleasing sulphur-yellow color very freely; the plant is of vigorous habit. 75 cts. each; \$7.50 per doz.

Viscountess Folkstone (Bennett, 1886). One of the first

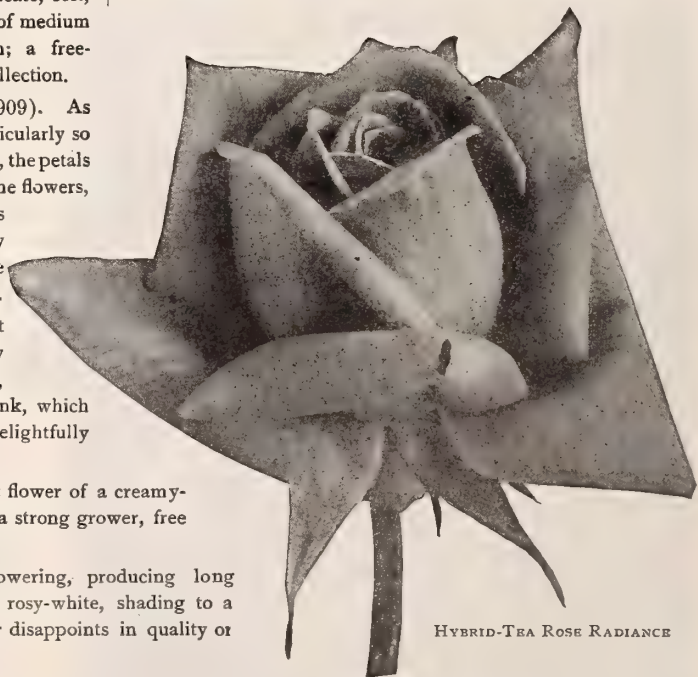
Hybrid-Teas introduced, and still one of the best of its color, which is a creamy-pink, shading deeper at the centre; large, full and very free.

White Killarney (Waban Rose Co., 1909). A pure white,

sport of the popular Killarney Rose, identical in every way with its parent, excepting in color, which is a pure white.

William Shean (Dickson & Sons, 1906). Pure pink in color

with shell-shaped petals of good substance, 4 inches long; a glorious Rose of immense size and perfect form and substance.



HYBRID-TEA ROSE RADIANCE

Three New Hardy Hybrid Perpetual ROSES

George Arends, or Pink Frau Karl Druschki.

This is a pink, or rather a tender rose-colored form of the popular white Rose, Frau Karl Druschki, possessing not only the noble form, large size and remarkably free-flowering habit of its parent, but in addition to this it is also highly perfumed. We feel confident that this variety will be one of the most popular Roses of the future. Strong two-year-old plants, 60 cts. each; \$6.00 per doz.

Gloire de Chedane Guinoisseau. We have always recommended the Rose, Ulrich Brunner, as such a standard of perfection that we hesitate to compare another variety to it, but this newcomer not only equals but surpasses in size of flower, form and in brilliancy of color, which is of a bright vermilion-red with velvety shadings; a splendid acquisition. Strong two-year-old plants, 75 cts. each; \$7.50 per doz.

Ludwig Möeller, or Yellow Frau Karl Druschki. We offered this for the first time last year under the European growers' description that it was what has long been wished for, a yellow Rose of the same character as Frau Karl Druschki, and while we have only seen one flower of it, which, while not as deep in color as we had hoped, it was a pretty shade of amber-yellow and entirely distinct from all other Hybrid Perpetual varieties. Strong two-year-old plants, \$1.50 each. One each of the above 3 sorts for \$2.50.



NEW HYBRID PERPETUAL ROSE, GLOIRE CHEDANE GUINOISSEAU

THE TWELVE "BEST" HARDY GARDEN ROSES (HYBRID PERPETUALS)

The twelve varieties listed below are unquestionably the best dozen that can be selected in the Hybrid Perpetual class, which, before the development of the Hybrid-Teas, was the most popular type for garden planting, and even now they dare not be overlooked, but should be used extensively in conjunction with the other sorts; and especially so in localities where the hardiness of the Hybrid-Tea varieties has not been established. The collection here offered embraces as complete a range of colors as it is possible to bring together in such a number of plants, with freedom of flowering, perfect form, fragrance, hardiness and general excellence.

The plants offered are exceptionally heavy two-year-old stock, which will, under ordinary conditions, give a full crop of flowers this season; and while the main crop is produced in June, they frequently produce fine flowers throughout the summer and autumn. The cultural hints given on page 170 should assist the amateur in getting the largest measure of success from these plants.

In pruning Hybrid Perpetuals cut away all weak growth, and if quality of bloom is desired, cut back the strong canes to within 8 or 9 inches of the ground, but if quantity of bloom for garden effect is desired, leave these canes from 2 to 3 feet high, according to their strength.

Baron de Bonstetten. Velvety blackish crimson; very large, double, fragrant flowers; a strong grower.

Baroness Rothschild. A superb Rose, of pale, satiny-rose; very large.

Captain Christy. Delicate, flesh-tinted white; a large, full flower of good form; very free-flowering.

Frau Karl Druschki. This is the ideal hardy white Rose, pure in color, perfect in form; strong grower and remarkably free-flowering; superb in every way.

General Jacqueminot. Brilliant scarlet-crimson; an old favorite and one of the best known roses in cultivation; does well everywhere.

Gloire Lyonnaise. White, tinted with yellow; large, full and of good shape; very free, distinct and pleasing.

Magna Charta. Bright pink, suffused with carmine; a beautiful Rose, and a strong, vigorous grower; one of the best.

Mrs. R. G. Sharman Crawford. Deep rosy-pink; outer petals shaded with pale flesh; one of the freest bloomers and a beautiful Rose in every respect.

Mrs. John Laing. Soft pink, of beautiful form; exceedingly fragrant and remarkably free-flowering, always does well and stands very close to the top among fine Roses.

Paul Neyron. Dark rose, of enormous size; perhaps the largest of all.

Prince Camille de Rohan. Deep velvety crimson-maroon; shaded scarlet; a magnificent dark Rose.

Ulrich Brunner. Bright cherry-red; flowers large and full; a good strong grower and always does well.

Price. Any of the above in Extra strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$35.00 per 100.

Set of 12 "BEST" Hardy Garden Roses for \$5.00.

All Roses are supplied in strong two-year-old plants only



DREER'S "TWELVE BEST"

TEA ROSES

Tea Roses have always been admired for their delicious fragrance and for their delicacy of coloring, but many of the varieties have now been superseded by the Hybrid-Tea class. The dozen kinds which we list below are the cream of the standard varieties, all of them sorts well worthy of a place alongside of the Hybrid-Tea class. All are offered in strong two-year-old plants that will give an abundance of flowers this season. The Tea Roses do not require the severe pruning recommended for the Hybrid-Teas; cut out all thin wood and cut back the stronger shoots to a prominent eye.

Duchesse de Brabant. An old favorite, probably the most deliciously scented Rose grown; bright silvery-pink, always in bloom. 50 cts. each; \$5.00 per doz.

Harry Kirk. A splendid Rose, of most robust growth, with free-branching habit, flowering freely and continuously; the blooms are large, with large, smooth petals of great substance; the form is perfect, the buds long and elegant; color deep sulphur-yellow, passing to a lighter shade at the edges of the petals. Awarded a Gold Medal by the National Rose Society of England. 50 cts. each; \$5.00 per doz.

Hugo Roller. An intensified Marie Van Houtte. The ground color is rich lemon-yellow, the petals being edged and suffused with crimson; flowers of medium size, of good shape, and very freely produced throughout the season until late in autumn. Growth dwarf but vigorous. 75 cts. each; \$7.50 per doz.

Lady Hillingdon. A recent introduction, of a beautiful coppery shade of apricot-yellow, beautiful in the bud; a strong, vigorous grower and very free-flowering. 50 cts. each; \$5.00 per doz.

Maman Cochet. An extra strong grower, producing its large buds and flowers in the greatest profusion; color deep rose-pink, inner side of petals silvery-rose; very double and exquisite in bud or when full-blown. 40 cts. each; \$4.00 per doz.

Marie Van Houtte. White, tinted with yellow, often edged with rose; large, full, of fine form and an abundant bloomer. 50 cts. each; \$5.00 per doz.

Molly Sharman Crawford. Large, full double, delightfully fragrant, free-flowering Rose of splendid form; creamy-white at first changing to pure white. 50 cts. each; \$5.00 per doz.

Mrs. Herbert Stevens. A beautiful white Rose, a flower of faultless form, buds long and pointed, quite full, pure white with occasionally fawn or peach-colored shadings in the centre; exceptionally free-flowering. 50 cts. each; \$5.00 per doz.

Mrs. Myles Kennedy. A delicate silvery-white, shaded buff and pink in the centre, the back edges of the petals shaded a deeper pink; the flowers are large, full and perfect in form. Awarded Gold Medal by the National Rose Society of England. 50 cts. each; \$5.00 per doz.

Souvenir de Catherine Guillot. Coppery-carmine, shaded with yellow, an exceedingly rich colored Rose of great excellence. 50 cts. each; \$5.00 per doz.

White Maman Cochet. Identical, except in color, with Maman Cochet; a splendid bedder. 40 cts. each; \$4.00 per doz.

William R. Smith. A cross between Kaiserin Augusta Victoria and Maman Cochet; one of our best bedding Roses; flowers large, of elegant form; creamy white with rose shadings. 40 cts. each; \$4.00 per doz.

SPECIAL OFFER

We will furnish one strong two-year-old plant each of the above twelve Tea Roses for \$5.00.



TEA ROSE LADY HILLINGDON

Do not overlook the Three Tea Roses of recent introduction offered on opposite page

Tea Roses of Recent Introduction

Lady Plymouth. (Dickson & Sons, 1915.) A most distinct Rose, whose pearly, delicate, but deep ivory-cream petals are very faintly flushed, giving it a most piquant finish that is difficult to describe. The blooms, which are carried on rigid stems, are very large and full, and produced continuously. Awarded Gold Medal National Rose Society of England, and Silver Medal for best Tea Rose at the Crystal Palace, London.

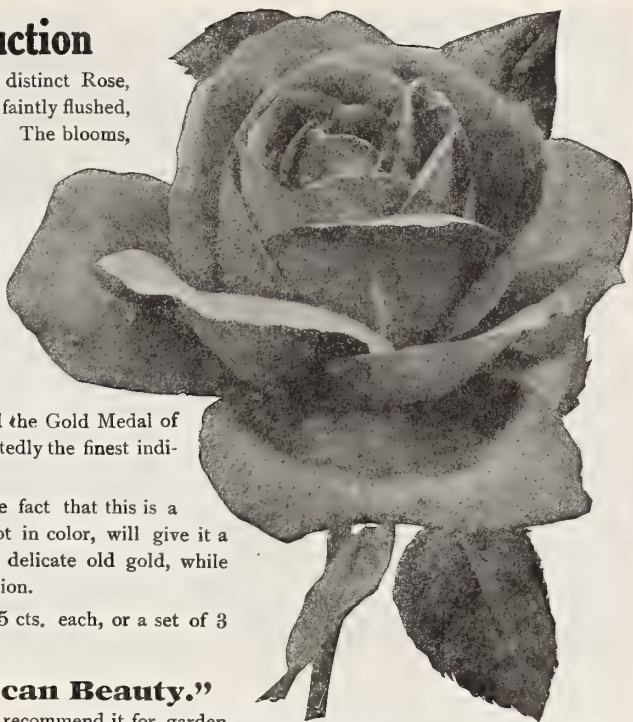
Mrs. Campbell Hall. (Dickson & Sons, 1915). Delicate creamy-buff, edged or suffused rose-carmine, the centre of the flower a warm cerise coral fawn. The flowers are of immense size, with petals of great texture, which expand freely in all weathers; strongly and deliciously perfumed, and very free. The flower that gained the Gold Medal of the National Rose Society of England in 1913 was admittedly the finest individual blossom of any Rose exhibited.

Mrs. S. T. Wright. (Dickson & Sons, 1915). The fact that this is a sport from Harry Kirk, with which it is identical except in color, will give it a welcome reception. In color the guard petals are of a delicate old gold, while the centre petals are of an orange-chrome with rose suffusion.

Price. Any of the above in strong two-year-old plants, 75 cts. each, or a set of 3 sorts for \$2.00.

Hybrid Perpetual Rose "American Beauty."

We can supply this beautiful *forcing* Rose, but do not recommend it for garden culture. While it is undoubtedly one of the finest Roses when grown under glass under the care of the specialist, it is, as a rule, worthless out of doors, except in favored locations, and we only carry it in stock in the spring of the year to supply customers who insist on trying it. Strong two-year-old plants, 50 cts. each; \$5.00 per doz.



ROSE J. B. CLARK

Hardy Bedding Rose J. B. Clark.

This beautiful Rose, while introduced as a Hybrid-Tea, does not conform to this or to the Hybrid Perpetual type; in fact, it seems as if though it should be placed in a separate class. The plant is of very strong branching habit, with large beautiful foliage, is perfectly hardy, and produces flowers of immense size that attract great attention. These are full double, of an intense scarlet with crimson shadings, and are produced very freely during June. Strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

RAMANAS OR RUGOSA ROSES.

These lovely Roses form sturdy bushes 3 to 5 feet in height, covered with handsome glossy green foliage and clusters of beautiful fragrant single flowers. They bloom nearly the whole summer, and are equally as attractive during the autumn and winter when covered with their large, brilliant red seedpods. Of healthy, vigorous growth and equally desirable alike as single specimens or for making a hedge. Rugosa Roses require no pruning, merely cut out dead and superfluous wood.

Rugosa. Rosy carmine. | **Rugosa Alba.** Pure white.

Extra strong 2-year-old plants, 40 cts. each; \$3.00 per doz.; \$20.00 per 100.

Double Ramanas or Rugosa Roses.

Blanc Double de Coubert. A splendid double pure white.

Conrad Ferdinand Meyer. Clear, silvery rose with beautifully formed buds.

Hansa. An attractive double reddish-violet. Very distinct and desirable.

Nova Zembla. A hybrid variety in which the foliage is entirely distinct from the type, forms large shrub-like bushes 6 feet or more high, making it a most desirable variety to plant in the shrubby border; the flowers are large, double, of fine form, white, with a pleasing flush of pink, and produced throughout the summer.

Strong 2-year-old plants, 50 cts. each; \$5.00 per doz. Set of 4 sorts, \$1.75.



DOUBLE RAMANAS OR RUGOSA ROSE



A BED OF BABY RAMBLER ROSES

BABY RAMBLER AND POLYANTHA ROSES

A type of Roses which is very popular for bedding purposes. They form shapely, compact, bushy specimens about 18 inches high, producing in great profusion from early in the season until severe frost immense trusses of small flowers. Pruning is not necessary; simply remove the past season's flower stems.

Anchen Muller (*Pink Baby Rambler*). Large clusters of brilliant rose flowers; the edges of the petals are wavy, giving it a peculiarly graceful form.

Cecile Brunner (*The Fairy or Sweetheart Rose*). A Polyantha variety with dainty double little flowers of perfect form. produced in many flowered graceful sprays; color a soft rosy-pink on a rich creamy-white ground.

Clothilde Soupert (*Polyantha Rose*). An old favorite, producing in clusters beautiful perfectly double flowers of a French-white, deepening to rosy-blush in the centre; very free-flowering and deservedly popular.

Echo. A new soft tender pink variety on the style of Baby Tausendschoen, but of much greater vigor, producing on well-established plants shoots $2\frac{1}{2}$ feet high which are much branched, frequently forming trusses of flowers over 12 inches in diameter. 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

Ellen Poulsen. A very fine brilliant pink; large, full, sweet-scented; vigorous habit and most floriferous.

Erna Teschendorff. A "sport" from the Crimson Baby Rambler, as bright as Gruss an Teplitz, the well-known Hybrid-Tea, which has been well described as the "Reddest of all red Roses."

Price. Any of the above, except where noted, strong two-year-old plants, 40 cts. each; \$4.00 per doz.; \$30.00 per 100. One each of the 13 sorts for \$4.50.

George Elger. Coppery golden-yellow before fully expanded, opening up a pale-yellow, particularly handsome in the bud state, a splendid companion to Cecile Brunner, the Fairy or Sweetheart Rose.

Louise Walter (*Baby Tausendschoen*). Identical in color to the popular climbing Tausendschoen, a soft, tender shade of pink; flowers $1\frac{1}{2}$ to 2 inches in diameter produced throughout the season in trusses of 10 to 20 flowers each.

Mme. Jules Gouchault. A vigorous grower, producing long stems with erect panicles of 25 to 50 most perfectly formed flowers of a bright vermilion-red shaded orange-red, passing as they mature to a lively bright rose color.

Mme. Norbert Levavasseur (*Crimson Baby Rambler*). Similar in color to the climbing Crimson Rambler. One of the most popular.

Mrs. Cutbush (*Cerise-pink Baby Rambler*). Similar in color to the beautiful Lady Gay Rambler; always in flower.

Orleans. One of the best; flowers of large size of brilliant geranium-red, becoming suffused with rose as the flowers mature, and large white centre; a very pretty color combination.

Yvonne Rabier. The best white Baby Rambler, with full double flowers produced in great profusion.

THE OLD FAVORITE BOURBON ROSE, "HERMOSA."

This old favorite has still many friends on account of the freedom with which its medium sized, bright pink flowers are produced, it rarely being out of bloom from early June until hard frost in the late autumn. Strong two-year-old plants 50 cts. each; \$5.00 per doz.; \$35.00 per 100.

TREE-SHAPED ROSES.

The following choice varieties can be supplied in tree-shaped form, on sturdy, hardy stems $3\frac{1}{2}$ to 4 feet high.

Baroness Rothschild (*Hybrid Perpetual*). Very large satiny-rose.

Caroline Testout (*Hybrid Tea*). Large free satiny-rose with deeper centre.

Dorothy Perkins (*Rambler*). Soft shell-pink.

Excelsa (*Rambler*). Intense crimson-maroon.

Fisher Holmes (*Hybrid Perpetual*). Deep crimson, full perfect form.

Frau Karl Druschki (*Hybrid Perpetual*). The popular favorite white.

Gruss an Teplitz (*Hybrid Tea*). Brilliant scarlet, always in flower.

Hiawatha (*Rambler*). Single, ruby-carmine, with white centre.

J. B. Clark (*Hybrid Perpetual*). Of immense size, scarlet with crimson shadings.

Kaiserin Augusta Victoria (*Hybrid Tea*). Soft pearly-white, tinted lemon, of beautiful form.

Killarney (*Hybrid Tea*). Sparkling brilliant pink; everybody's favorite.

Mme. Jules Grolez (*Hybrid Tea*). Beautiful satiny china-rose, one of the best.

Mrs. John Laing (*Hybrid Perpetual*). Soft pink, of beautiful form and deliciously scented.

Magna Charta (*Hybrid Perpetual*). Bright pink suffused carmine; a beautiful rose.

Mrs. Aaron Ward (*Hybrid Tea*). Beautiful Indian-yellow, shading to white.

Tausendschoen (*Rambler*). Beautiful soft pink.

Ulrich Brunner (*Hybrid Perpetual*). Bright cherry-red; one of the best.

Price: Any of the above Tree Roses, \$1.00 each; \$10.00 per doz. One each of the 17 sorts for \$14.00.



TREE-SHAPED ROSES

MEMORIAL, or EVERGREEN ROSES.

The type of this group of Roses, *Rosa Wichuraiana*, is of Japanese origin, and flowers during June and July. This, as well as the varieties that have originated from it, are of a trailing habit of growth, very hardy and are recommended for covering graves; hence one of its names—Memorial Rose—climbing over walls, arbors, stumps of trees or for trailing over rocks or rough ground; in fact, anywhere where a climbing or trailing Rose can be used. The foliage is of a leathery texture, of a beautiful shining green, and not only proof against all insects, but is retained on the plants until late in the winter, making them almost evergreen. Pruning should be done in the same way as recommended for the Hardy Climbing sorts. (See page 192.)

Evergreen Gem. Flowers bluff, changing to creamy-white, very double, foliage dense, of rich bronzy-green.

Gardenia. Buds bright yellow, opening double flowers of a cream color, incurving towards evening to the shape and color of a Cape Jessamine; hence its name.

South Orange Perfection. Dwarf, trailing habit, double flowers, blush pink at tips, changing to white.

Triumph. Double white flowers, produced in clusters; sweet scented.

Universal Favorite. Flowers very double, of a pretty rose color.

Wichuraiana. Beautiful fragrant single pure white flowers, with yellow stamens, followed in fall with bright red hips or berries.

Strong two-year-old plants, 40 cts. each; \$4.00 per doz.; \$30.00 per 100.

Set of 6 sorts, \$2.00.



MEMORIAL ROSE

NEW PERNETIANA ROSES, or Hybrid Austrian Briers.

A new type of Roses, the result of crossing Austrian Copper and Yellow Brier Roses with various other types; all are of strong, vigorous growth, flowering profusely in early summer and producing some bloom during the late summer and fall; a most distinct and interesting class. These should be pruned in the same way as the Hybrid Perpetuals. (See page 185).

Beaute de Lyon. Forms a large, globular flower of splendid shape, of a coral-red color shaded with yellow. Beautiful, large, rich glossy foliage. Very desirable and free.

Juliet. This beautiful variety attracts great attention, and when better known is certain to become popular. It is a most distinct and attractive novelty, with large, perfect flowers. The outside of the petals is old gold, the interior rich rosy-red changing to deep rose as the flowers expand; of powerful, delicious fragrance.

Rayon d'Or, or Golden Rays. A gorgeous golden-yellow Rose. A vigorous, strong grower, with glossy foliage, which appears immune to the attacks of mildew. Flowers large, of globular form, color yellow cadmium as the buds begin to expand, toning to golden-yellow as they fully develop; a superb Rose and very free-flowering.

Soleil d'Or, or Golden Sun. Varies from orange-yellow to reddish gold, shaded with Nasturtium-red; large, full, perfectly double flowers; a strong grower.

Price: Strong two-year-old plants, 50 cts. each; \$5.00 per doz. One each of these four novel Roses for \$1.75.

Austrian, or Yellow Brier Roses.

A very hardy type, producing medium-sized flowers of the most pleasing and rich shades of yellow, copper, etc. This class requires little or no pruning, simply cut out superfluous and dead wood.

Austrian Copper. Beautiful bright reddish-copper; single.

Austrian Yellow. Very deep yellow; single; beautiful.

Strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$40.00 per 100. One each of the 4 sorts for \$1.75.

LORD PENZANCE'S HYBRID SWEET BRIERS.

A correspondent of "Gardening" says of this class: "My collection of these beautiful hybrid Roses bloomed finely this season. The flowers are large and clear in color, and single or semi-double. In the part of my grounds where they are grown the atmosphere was heavy with the delicious scent of the Sweet Briers. They are strong, vigorous growers, throwing long, graceful branches which are wreathed with flowers. These lovely hybrids are crosses between the common Sweet Brier and various other Roses, and like their parents, the foliage is deliciously scented. The flowers are of the most beautiful tints, and produced in great profusion, and the plants are perfectly hardy, and possess a robust vigor which is quite astonishing. On no account should they be pruned beyond removing whatever branches are undesirable to keep. If pruned back like ordinary Roses, they produce very few blossoms. Give each plant a 4 to 6 foot long stake and tie up some of the leading shoots to it. These Briers are seen to best advantage when isolated on the lawn, or if grouped set far enough apart to allow of each plant having unrestricted freedom and its branches to hang gracefully and naturally."

Anne of Gerstein. Dark crimson, of graceful habit.

Brenda. Maiden's blush or peach, dainty in color and shade; the effect of the golden anthers adds a peculiar charm.

Lady Penzance. Beautiful soft tint of copper, with a metallic lustre; the base of each petal is a bright yellow, which, showing through the golden anthers, forms a halo round them; very free-flowering, with a delicious perfume from foliage and flower.

Lord Penzance. Soft shade of fawn or ecru, passing to a lovely lemon-yellow in the centre, sometimes toned with a most delicate pink; a good grower and abundant bloomer, very sweet-scented.

Meg Merrilies. Gorgeous crimson, very free-flowering, wonderfully robust habit, large foliage; one of the best.

Refulgence. Semi-double flowers, $3\frac{1}{2}$ inches across; on first opening a dazzling scarlet, changing to bright crimson as they develop, intensified by the golden stamens.

Common Sweet Brier. This is the true English Sweet Brier, or Eg-lantine. The single pink flowers are quite artistic, but it is valued most on account of the refreshing fragrance of its leaves. 50 cts. each; \$4.00 per doz.

Price. Except where noted, in extra strong two-year-old plants, 60 cts. each; \$6.00 per doz. Set of 7 sorts, \$3.25.



LORD PENZANCE'S HYBRID SWEET BRIERS

Harrison's Yellow. Fine double golden-yellow flowers.

Persian Yellow. Large, deep golden-yellow; extra fine.



AUSTRIAN, OR YELLOW BRIER ROSES



Moss Rose

DAMASK ROSES.

These two old roses should be in every garden. Though they bloom but once a year, their fragrance, perfect hardiness and the abundance of flowers they produce make them indispensable.

Cabbage, or Provence. Rosy-pink flowers.

White Provence. Pure white, delightfully fragrant.

Strong 2-year-old plants, 50 cts. each; \$5.00 per 100.

MOSS ROSES.

A class of Roses which are much admired. The beauty of the flower consists in the delicate mossy covering which surrounds the bud, and gives to the opening flower a unique appearance. Moss Roses should be pruned sparingly; cut out the old wood and merely cut back the growth of last year.

Blanche Moreau. Lovely large, pure white.

Countess de Murinais. Large, white, beautifully mossed.

Crested Moss. Rose color, beautifully crested.

Gloire de Mosses. Blush, very large and full.

Henry Martin. Fine crimson, very vigorous.

Princess Adelaide. Bright silvery rose; large.

Extra strong 2-year-old plants, 50 cts. each; \$5.00 per doz.

Set of 6 sorts, \$2.50.

Four Fine Climbing Hybrid-Tea Roses.

While not as a rule as free-flowering as the bush type of Hybrid-Tea Roses, these climbing forms produce a large crop of beautiful flowers in June, with a very fair scattering of blooms throughout the season. In pruning this class, cut out all small, thin wood and cut the strong shoots back to prominent eyes.

Climbing Caroline Testout. A climbing form of the old favorite satiny-pink.

Climbing Belle Siebrecht. Identical with its parent, a brilliant imperial-pink color.

Climbing Kaiserin Augusta Victoria. The climbing form of this most popular white Rose; very free.

Climbing Lady Ashtown. The best of all the climbing Hybrid-Tea varieties. A plant in the most exposed part of our Nursery, with very little protection, has withstood the past five winters with only the longest branches cut by frost, producing not only an immense crop of its very large soft rose-colored flowers in June, but continuing in bloom almost without intermission until the end of the season. A Royal Rose that cannot be recommended too highly. 75 cts. each; \$7.50 per doz.

Price. Any of the above, except where noted, in strong two-year-old plants, 50 cts. each; \$5.00 per doz. The set of 4 varieties for \$2.00.

Tender Climbing, or Pillar Roses.

These are not hardy in the latitude of Philadelphia, except in favored positions, or with protection; especially adapted to covering rafters, etc., in greenhouses or for outdoor culture in the South.

Gloire de Dijon. An old favorite; flowers blush with salmon shadings; a fine climber for a sheltered wall.

Reine Marie Henriette. Cherry-crimson. By many this fine Rose is known as the Red Gloire de Dijon.

Marechal Neil. Superb; bright golden-yellow.

W. A. Richardson. A peculiar shade of orange yellow.

White Banksia. White, small flowers; very fragrant.

Yellow Banksia. Yellow, small flowers; very fragrant.

Strong two-year-old plants, 50 cts. each; \$5.00 per doz.

One each of the 6 sorts for \$2.50.



CLIMBING ROSE



HARDY CLIMBING AND RAMBLER ROSES

Since the introduction of the Crimson Rambler, in 1894, this class of Roses has continued to gain in popularity.

Many splendid new varieties, both in single and double-flowering forms, have been added during the past few years. The best and most distinct of these we offer on this and the following two pages.

Climbing Roses require no pruning in the spring beyond the cutting out of very old or dead wood and the shortening of the laterals and long canes to make the growth conform to the space to be covered, but a severe pruning in July, directly after they have finished flowering, is beneficial. Cutting away at that time all old flowering wood will encourage a vigorous growth, which will give an abundance of flowers the following season.

American Pillar. A single-flowering variety of great beauty, which appeals to every one. The flowers are of large size, 3 to 4 inches across, of a lovely shade of pink, with a clear white eye and cluster of yellow stamens. These flowers are borne in immense bunches, and a large plant in full bloom is a sight not easily forgotten. They last in perfection a long time, and are followed by brilliant red hips or berries, which are carried late into the winter; and

as the plant frequently retains its lovely green foliage until the end of November, it forms a beautiful decorative subject throughout the autumn months. Illustrated on page 194. 50 cts. each; \$5.00 per doz.

Aviateur Bleriot (*The New Yellow Rambler*).

We have discarded the old yellow Rambler in favor of this new variety, in which we have a strong-growing plant with beautiful glossy, insect and disease-proof foliage, and bearing large clusters of medium-sized full double flowers of a saffron-yellow, deepening to an almost golden-yellow at the centre. (See cut on page 193.) 50 cts. each; \$5.00 per doz.

Christine Wright. A most exquisite Rose, a cross between Caroline Testout and an unnamed seedling; it is of strong climbing habit, with large, heavy, dark green foliage, which is immune to disease. The flowers are double, from 3½ to 4 inches in diameter, borne singly and in clusters, of perfect form, beautiful in the bud and in the fully expanded flower; in color a most refreshing bright wild-rose pink. 50 cts. each; \$5.00 per doz.

Climbing American Beauty. A cross between American Beauty and an unnamed seedling. Its name is somewhat misleading, but it is nevertheless one of the best climbing Roses offered in this collection. A strong, healthy, vigorous grower, frequently making shoots from 10 to 12 feet long, with glossy dark green foliage that is not affected with mildew, and good sized flowers for a climbing Rose that blooms so freely; color a pleasing rose-pink, of splendid form, good substance, and on stems of good length. A Rose of decided merit. (See cut.) 50 cts. each; \$5.00 per doz.

Crimson Rambler. This was the first of the Rambler Roses, and was introduced from Japan in 1894. It is too well known to require description. Everyone is familiar with its large clusters of crimson flowers. 50 cts. each; \$5.00 per doz.

Price. Any of the above in strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$35.00 per 100.



RAMBLER ROSE
DOROTHY PERKINS
Offered on page 193



CLIMBING AMERICAN BEAUTY ROSE

HARDY CLIMBING AND RAMBLER ROSES

(Continued.)

Dorothy Perkins. Soft shell-pink, flowering profusely in large clusters; very fragrant and lasting; a grand Rose in every way.

(See cut on page 192.) 50 cts. each; \$5.00 per doz.

Dr. W. Van Fleet. A Rose, which on account of its dainty color and exquisitely shaped buds and flowers appeals to everyone. The long pointed buds are of a rich flesh-pink on stems 12 to 18 inches long; splendid for cutting. The plant is of strong, vigorous growth, with dark glossy foliage that resists mildew and insects; one of the best and most distinct. 50 cts. each; \$5.00 per doz.

Excelsa. A distinct variety in form, color and habit; vigorous in growth, with healthy dark glossy green foliage. The flowers are very double, produced in large trusses of thirty to forty, and almost every eye on a shoot produces clusters of flowers. The color is intense crimson-maroon, the tips of the petals tinged with scarlet. The individual flowers are very large for a climbing Rose.

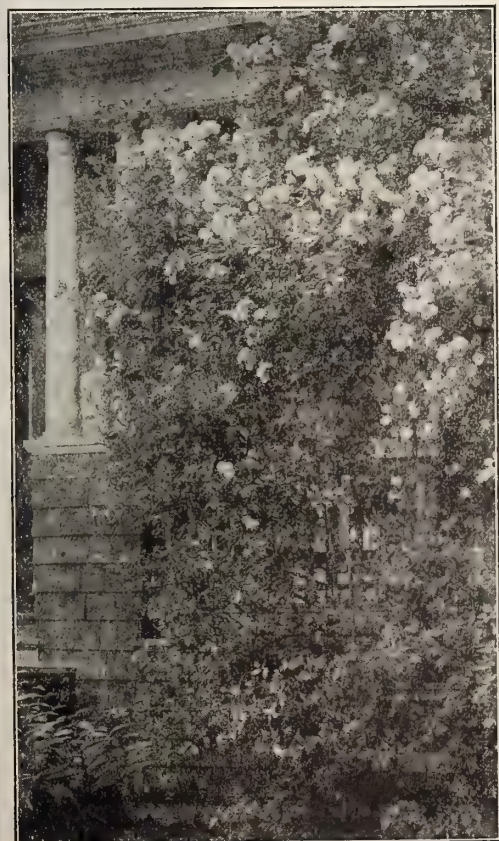
This may be termed a great improvement on the Crimson Rambler, which it is sure to supercede, if only on account of its foliage, which is practically mildew proof. 50 cts. each; \$5.00 per doz.

Hiawatha. There is no other climbing Rose so brilliant as Hiawatha. It must be seen to be appreciated. Its flowers are about 1½ inches across, and produced in long, pendulous sprays, with frequently from 40 to 50 flowers on a spray. In color it is brilliant, ruby-carmine, with a clear white eye and a mass of golden stamens—a glowing combination of colors, which can be seen at a great distance. The plant is of strong, vigorous growth, with bright green, glossy foliage, which is retained until late in fall. (See cut.) 50 cts. each; \$5.00 per doz.

Lady Gay. A most desirable variety of remarkable vigorous growth, with flowers of a delicate cerise-pink, passing to soft-tinted pink. The effect of a plant in full bloom with the combination of the soft pink flowers, cherry-pink buds, and the deep green of the foliage, is indeed charming. 50 cts. each; \$5.00 per doz.

Paul's Carmine Pillar. The earliest of the climbing Roses to come into flower, it coming into bloom two weeks before any other variety and continuing for a long time; the flowers are large and very showy, single and of perfect form, of a rich, rosy-carmine with white eye. 50 cts. each; \$5.00 per doz.

Price. Any of the above in strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$35.00 per 100.



CLIMBING ROSE, AVIATEUR BLERIOT (offered on page 192)

RAMBLER ROSE HIAWATHA



HARDY CLIMBING

AND

RAMBLER ROSES

(Continued.)

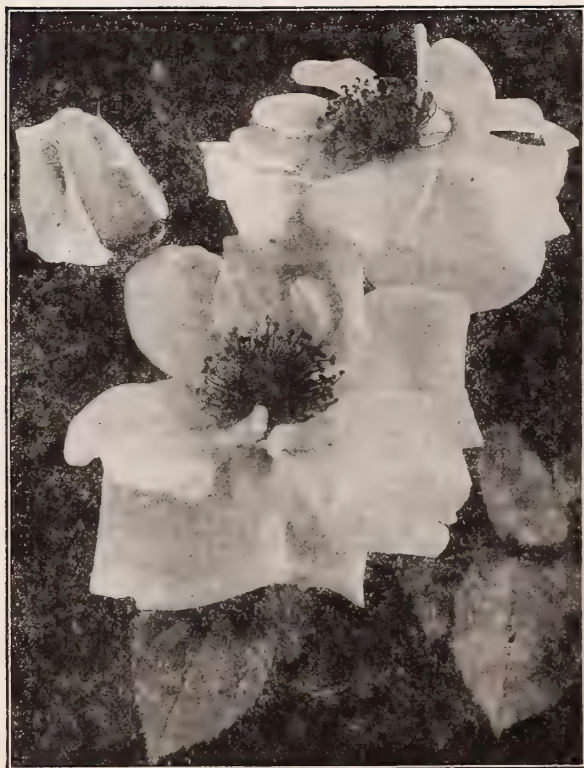
NEW RAMBLER ROSE.

Paul's Scarlet Climber.

(Wm. Paul & Son, 1917.)

The flowers of this superb Rose are vivid scarlet shaded with bright crimson, and are produced in the greatest profusion in large clusters of medium sized semi-double blossoms. The rich color is retained without burning or fading until the petals fall; the flowers remaining on the plants for an unusual length of time, furnishing a brilliant and magnificent display in the garden; it is of strong climbing habit and perfectly hardy. This Rose has been most highly commended by the English horticultural press. It was awarded a Gold Medal by the National Rose Society and an award of Merit by the Royal Horticultural Society of England. Strong plants, \$3.00 each.

Silver Moon. Different from all other Roses; flowers very large, four and a half inches and over in diameter, pure white in color, petals of great substance, beautifully cupped, forming a Clematis-like flower. The large bunch of yellow stamens in the centre adds to its attractiveness. These flowers are borne on strong stems 12 to 18 inches long, and are delicately scented. The plant is a strong grower, with large, glossy bronzy-green foliage. (See cut.) Strong two-year-old plants, 75 cts. each; \$7.50 per doz.



CLIMBING ROSE SILVER MOON

Tausendschoen. Entirely distinct, not only in Ramblers, but in climbing Roses generally. The individual flowers are very large for this type of Rose, being fully 3 inches across and of a most elegant and graceful form, not stiff or unnatural, but as beautiful as a semi-double Azalea. In color it is a most delightful shade of soft pink when first opening, changing to carmine on the reverse of petals when fully expanded. These are produced in trusses of from 10 to 15 flowers, each truss a veritable bouquet. 50 cts. each; \$5.00 per doz.

White Dorothy. Among Rambler Roses none has justly gained greater popularity than the beautiful pink Dorothy Perkins. The White Dorothy is a duplicate except in color. 50 cts. each; \$5.00 per doz.

Price. Any of the Hardy Climbing Roses offered on this and the two preceding pages, except where noted, in strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$35.00 per 100.

Climbing Hybrid-Tea Roses AND Tender Climbing or Pillar Roses

Are Offered on Page 191.

DREER'S SELECT HARDY PERENNIAL PLANTS

A VIEW IN OUR NURSERY, WHERE WE GROW HARDY PERENNIAL PLANTS BY THE ACRE

OF all the plants that are cultivated for purely ornamental purposes, there are none which have made such rapid strides in public favor as the **Old-fashioned Hardy Garden Flowers**, the inhabitants of the perennial garden. Their popularity is not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged hardy garden, in which every week—yes, every day—brings forth something fresh and new to interest and delight even the most critical. Beginning in April, the early-flowering varieties open their flowers often before the snow has entirely disappeared, and continue, with constant changing variety, throughout the summer until late in the fall, when only severe freezing weather will stop such persistent late-blooming kinds as Japanese Anemones, Pompon Chrysanthemums, Gaillardias, Gentians, Tritomas, etc.

THE MAKING AND CARE OF AN OLD-FASHIONED HARDY BORDER.

Frequent are the discussions and many are the ideas concerning their cultivation and the best method of arranging them in the garden, but no hard or fast lines can be laid down, as it largely depends on location, the ground at the disposal, and the individual taste of the cultivator. In arranging hardy flowers one should never forget the ways of Nature, choosing the flowers she uses in the positions she thinks most suitable, while endeavoring to conceal stiffness of arrangement by a careful study of her plans and the judicious use of the beautiful hardy plants at our disposal.

Situation.—There is no class of plants which lend themselves to such varied assortment of climatic or soil conditions, but the most effective position for Hardy Perennial plants in general is a good open border, backed by a hedge, a fence or trellis covered with Rambling Roses or any other hardy climbing vines; while some of the taller-growing sorts, such as Hollyhocks, Sunflowers, Rudbeckias, Boltonias, Bocconias, etc., are also very attractive when planted throughout a shrubbery border, their showy flowers forming a bright contrast with the foliage of the shrubs throughout the summer and fall when few of the latter are in bloom.

Soil and Planting.—Cultivation is of the simplest, beginning with any good garden soil as a foundation, which may be enriched with such fertilizers as well-decomposed manure, bone-meal, or sheep manure deeply dug and well-pulverized. The best time to plant hardy plants is just when they are emerging into life after their season's rest, when the weather is favorable and the soil in condition, or they may be set out in the autumn. Above all things avoid wet planting. Do not make the common mistake of overcrowding; give each plant sufficient room to allow it to develop to its full size. The nearest approach to a rule which may be followed in planting being to set out plants which grow to a height of 2 feet or less 12 inches apart, and all others space equal to one-half their height when developed. For example, Aquilegias and Gypsophila, which grow 2 feet high, may be planted 12 inches apart, while Delphinium formosum and Japanese Iris, which grow 3 feet high, should be 18 inches apart. Care should also be taken to blend the colors throughout the garden, so as to prevent too many of one shade of color

coming together, causing jarring contrasts. The season of flowering of the different types should also be taken into account, and the different plants as evenly dispersed as possible, in order to maintain an equality of flowering plants, leaving no portion of the garden bare or flowerless, nor crowding together too many that bloom at the same time.

Care in Summer.—During the growing season careful attention should be given if best results are to be obtained. There is nothing so beneficial as frequent stirring up around the plants, and raking the ground into order again; it allows the air to move more freely through the surface of the soil, thereby encouraging growth and keeping the weeds in check. During hot, dry weather, or when it is not convenient to water, a mulch of any loose, light material will be found very beneficial in retaining the moisture and in keeping the soil from baking; short grass, the rakings of the lawn after cutting, is excellent material for this purpose. Early in summer many varieties will have made considerable growth, and the supporting of these should be taken up in time. It is hardly possible to stake and tie up a plant so that it will have the same graceful appearance as if grown naturally without their aid; still, supports should be inserted at all tall-growing sorts early in the season while the plants are small. In this way they will lend themselves more naturally to their support than if this work is accomplished after the plants have made considerable growth. Once the plants get broken down or allowed to get "set" it is impossible to tie them up into natural shape again. This phase of summer work in the garden is often considered a matter of small importance, yet the difference between doing same in a slipshod and a workmanlike manner is most apparent; and, while fully sympathizing with those who may not be able to spare the time or who may not have the materials at hand necessary to perform this work in the best possible manner, it cannot be too strongly emphasized that these are two of the most important factors in the successful cultivation of all-out-of-door plants. The removal of old flower stems will also materially help the appearance of the plants at all times, many species responding to this treatment with an extra crop of flowers later in the season. All decayed foliage should also be removed, so as to keep the garden neat and tidy at all seasons.

The making and care of an Old-fashioned Hardy Border continued on next page.

DREER'S SELECT Hardy Perennial Plants

 All Plants are forwarded on receipt of order unless instructed to the contrary, and are sent by Express, purchaser paying charges. We can forward small plants by Parcel Post, and if wanted sent in this way add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

ACÆNA (New Zealand Burr).

Microphylla. Pretty evergreen rock plants of cushion-like growth cultivated for their showy, crimson spines, which are borne on the calyx; foliage dark bronze. 25 cts. each; \$2.50 per doz.

ACANTHUS (Bear's Breech).

Mollis Latifolius. A handsome decorative plant of stately effect, with deeply-toothed, heart-shaped leaves, 2 feet long by 1 foot wide; either for planting as single specimens on the lawn or in the border, or for grouping with other plants for sub-tropical effect, producing 3 feet high spikes of curious rose-colored flowers during August and September. The ornamentation of the Corinthian columns is said to have been suggested by the leaf of this plant. 25 cts. each; \$2.50 per doz.

ACHILLEA.

(Milfoil or Yarrow.)

Eupatorium (Fern-leaved Yarrow). Neat, finely-cut foliage and brilliant yellow heads of flowers, lasting in full beauty all summer; 4 to 5 feet.

Filipendula

(Noble Yarrow).

A vigorous showy species, with golden-yellow flowers in dense flat corymbs in July; height, 2 feet.

Millefolium Roseum (Rosy Milfoil). Finely cut, deep green foliage, flowers pink in dense heads; 18 inches high and flowers all summer.

Ptarmica Fl. Pl. "The Pearl." Pure white flowers borne in the greatest profusion the entire summer on strong, erect stems, 2 feet high; as a summer cut flower it is of great value. (See cut.)

— **Boule de Neige** (Ball of Snow). An improvement on The Pearl; the flowers, while not quite so large, are of more perfect form with fuller centres, which makes it appear purer in color.

Tomentosa (Woolly Yarrow). Handsome cut foliage and bright yellow flowers in a multitude of flat heads during June; height about 12 inches.

Price, 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

One each of the 6 varieties for \$1.00.

ACONITUM (Monkshood or Helmet Flower).

All the varieties offered form bushy clumps and grow about 4 feet high; invaluable for planting under trees or in shady or semi-shady positions.

Napellus. Large, dark, blue flowers; August to September.

— **Bicolor.** Large blue-and-white flowers; one of the prettiest.

Fischeri. A dwarf variety growing 18 inches high, with very large, pale blue flowers in September and October.

Lycotomum. A free-flowering pale yellow sort, blooming in June and July. 35 cts. each, \$3.50 per doz.

Sparks' Variety. The darkest blue of all; flowers in June.

Wilsoni. A recent introduction from Northern China, of strong, stately habit, growing 5 to 6 feet high, with large light violet-blue flower in September. 50 cts. each; \$5.00 per doz.

Price, except where noted, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 6 varieties, \$1.50.



ACHILLEA PTARMICA "THE PEARL"



ACONITUM NApELLUS



ALYSSUM SAXATILE COMPACTUM, ON ROCKERY

ADONIS (Bird's Eye).

One of the choicest of early spring-flowering plants; about 12 inches high, with finely-cut, ornamental foliage; effective on rock work or in the border. The two varieties offered are from Japan, of strong growth, and come into bloom fully two weeks earlier than any other hardy plant in our collection.

Amurensis. Large, single yellow flowers.

Amurensis Fl. Pl. Large, double yellow flowers.

50 cts. each; \$5.00 per doz.

Ægopodium (Bishop's Weed)

Podagraria Variegata. A rapid-growing plant, with neat green and yellow variegated foliage, thriving in any soil; makes a fine border for a bed of shrubs or for covering waste ground; 1 foot. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

ÆTHEOPAPPUS PULCHERRIMUS.

A most valuable flowering plant for garden decoration and for cutting. Its flowers, which are not unlike a Sweet Sultan, are a magnificent brilliant rose, and last a long time when cut and placed in water. It blooms in July, and the plant grows 2 to 2½ feet high and is perfectly hardy. (See cut.) 35 cts. each; \$3.50 per doz.

AGROSTEMMA (Rose Campion).

Stout, erect-growing plants with silvery foliage, which contrasts well with the showy flowers; which are produced during June and July.

Coronaria (Mullein Pink). Bright rosy-crimson; 2½ to 3 feet.

Flos Jovis (Flower of Jove). Deep pink flowers on 12-inch high stems. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

AJUGA (Bugle).

Reptans rubra. A useful plant for the rockery and for carpeting the ground, particularly in shady positions, as under trees where grass will not grow; large spikes of purplish-blue flowers in May. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

ALCHEMILLA (Lady's Mantle).

Major. A good rock plant, with pretty foliage and inconspicuous flowers, prefers a half shady corner. 25 cts. each; \$2.50 per doz.

ALSTROMERIA (Chilian Lily).

Chilensis. A tuberous-rooted plant, 2 feet high; with spikes of showy flowers, varying from rosy-white to deep orange-red, flowering from July to September. Requires deep planting to give the roots protection. 20 cts. each; \$2.00 per doz.

ALYSSUM (Mad-wort).

Rostratum. Bright golden-yellow flowers in June and July; 1 foot. 25 cts. each; \$2.50 per doz.

Saxatile Compactum (Basket of Gold, Gold Tuft, Rockmadwort).

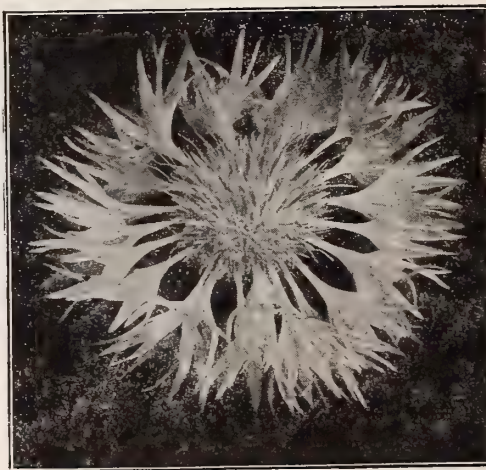
An indispensable plant for the rockery or border, growing 1 foot high and producing in May masses of broad, flat heads of bright yellow flowers. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

Anemonopsis.

Macrophylla. A very rare Hardy Perennial from Japan, growing about 2 feet high. The general habit of the plant as well as its unopened flower buds is not unlike a miniature Japanese Anemone. The rich violet bell-shaped flowers are produced in loose racemes late in summer. Prefers a partly shaded position. 50 cts. each.

Aquilegias.

One of the best hardy plants. See colored plate and offer on page 200.



ÆTHEOPAPPUS



AGROSTEMMA CORONARIA

NEW ANCHUSA ITALICAS.

(The Improved Italian Alkanet or Bugloss.)

Although introduced only a few years ago the two *Anchusas* offered below have already become very popular. The rich blue tones of their flowers fill a vacancy in this color, of which there is never a superabundance, particularly during their flowering period, which covers the months of May and June. They form much-branched specimens 3 to 5 feet high, each branch terminated by a large, pyramidal, graceful spike of blue flowers, and while the habit of the plant is strong and vigorous it is not at all coarse. Of easy culture in any good garden soil and a sunny position. Very effective either in solid beds or in the hardy border.

Dropmore Variety. Rich gentian blue.

Opal. A splendid lustrous light blue.

25 cts. each; \$2.50 per doz.; \$18.00 per 100.

**Anchusa
Mysotidiflora.**

A distinct new species from the Caucasian mountains, growing but 10 to 12 inches high, producing during April and May sprays of beautiful Forget-me-not-like flowers of rich blue.

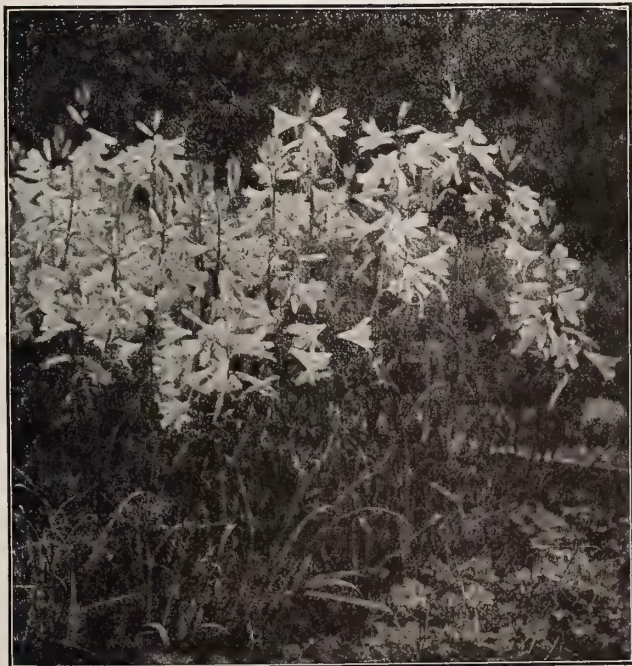


ANTHEMIS TINCTORIA

ANTHERICUM.

(St. Bruno's Lily.)

Lilium Giganteum. A giant flowering form of the St. Bruno's Lily, producing in May strong spikes of large white flowers, which forcibly remind one of a miniature form of the *Lilium Candidum* or Madonna Lily. A very attractive hardy plant, the culture of which is fully given in our new book, "Hints on the Growing of Bulbs," a copy of which will be sent free if asked for when ordering. 35 cts. each; \$3.50 per doz.



ANTHERICUM LILIASTRUM GIGANTEUM



ANCHUSA ITALICA, DROPMORE VARIETY

ANTHEMIS (Marguerite).

Tinctoria. This hardy Marguerite is one of the most satisfactory summer-flowering perennials, succeeding in the poorest soil; of bushy habit, growing about 15 inches high, and producing its large golden-yellow, daisy-like flowers continuously during the entire summer.

— **Alba.** Creamy-white flowers with yellow centre.

— **Pallida.** Light canary yellow.

Price. Any of the above, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

ANEMONES (Windflowers).

Pennsylvanica (Pennsylvania Windflower). The prettiest of our native Windflowers, growing 12 to 15 inches high and producing its large white flowers in the greatest profusion from June to August; an excellent plant either for the border or the rockery, and succeeds equally well in sun or shade.

Pulsatilla (Pasque Flower). Grows from 9 to 12 inches high, and produces violet or purple flowers during April or May. An interesting plant for the rockery or well-drained border.

Sylvestris (Snowdrop Windflower). Large, cup-shaped, pure white flowers, on clean stems, held well above the neat, handsomely cut foliage; one of the most satisfactory plants for the border, and equally at home in partial shade.

Price. Any of the above, 20 cts. each; \$2.00 per doz.

Japonica (Japanese Windflower). See list on page 200.

ANEMONE JAPONICA (Japanese Windflower).

These beautiful Windflowers are one of the most important hardy plants. While they begin blooming in August they are more especially valuable on account of their continuing in full beauty until cut down by hard frost. All are excellent for cutting, lasting in good condition for many days. The plants grow 2 to 3 feet high, are perfectly hardy if given the protection of 2 or 3 inches of leaves or litter during the winter, and, while they respond freely to liberal feeding, they will succeed in any ordinary garden soil, increasing in beauty from year to year. They can be used in solid beds or borders or clumps planted through the hardy border, which they brighten during the late fall months.



JAPANESE ANEMONE

NEW JAPANESE ANEMONES.

Alice. This is on the style of the variety Queen Charlotte; the flowers when first opening have the form of a Rose; as they expand the silvery-rose, shell-like petals become suffused with fresh carmine.

Geante Blanche. Very large, robust pure white.

Kriemhilde. Semi-double flowers, nearly four inches in diameter, composed of long, narrow, closely set petals of a lovely rose-pink color.

Loreley. A neat cup-shaped flower, semi-double, three inches in diameter, of a bright, silvery mauve pink.

Price. Any of the new varieties, 30 cts. each; \$3.00 per doz. Set of 4 sorts for \$1.00.

STANDARD JAPANESE ANEMONES.

Japonica Alba. Large, snowy-white; very chaste.

Japonica Rubra. Beautiful rosy-red; stamens bright-yellow.

Prince Henry. Large, very double, deep rich pink flowers; free-flowering.

Queen Charlotte. Very large semi-double flowers of La France pink, a color that is rare among hardy plants.

Rosea Superba. Flowers of medium size, of a delicate silvery-rose.

Whirlwind. Large, semi-double pure white flowers, very free.

Price. Any of the above, 20 cts. each; \$2.00 per doz.; \$12.00 per 100. Set of 6 sorts for \$1.00.

NEW ANEMONE "HUPEHENSIS."

An introduction from central China, closely allied to *Anemone Japonica* which, in a miniature way, it closely resembles. The plants grow from 10 to 12 inches high and from early in August until late in Autumn, produce an abundance of flowers, about 1½ inches in diameter, of a pleasing pale mauve-rose. 25 cts. each; \$2.50 per doz.

Aquilegias, or Columbines.

The Columbines are one of the most elegant and beautiful of hardy plants, producing their graceful spurred flowers on stems rising 2 feet or more above the beautifully divided foliage.

Columbines should be planted wherever their presence will serve to lighten up a too stiff and formal planting, for no other plant has so airy a grace as the Columbine, is more generous of its blooms, or more effectively adapted for cut flowers.

They are not at all particular as to soil or location, although they prefer a sandy loam and a moist but well drained, sunny position, and usually make themselves at home in any hardy border or rockery. Their period of flowering covers the late spring and early summer months. Taken as a whole, they are a most important part of the hardy garden, and should be grown in quantity by every lover of old-fashioned garden flowers.

Dreer's Long-spurred Hybrids. This is the most admired type of Columbines, and are beautifully shown on the colored plate opposite. They have been produced from the strains of several famous hybridizers and are much superior to the usual grade. The plants are of strong, thrifty growth. The flowers of largest size vary in color through charming tones of cream, pink, lavender, blue, white, red, etc., hardly any two being exactly alike. We offer them in mixed colors only. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Canadensis (Common American Columbine). The native bright red and yellow variety, and one of the brightest.

Chrysantha (Golden Columbine). Bright yellow long-spurred flowers.

Chrysantha Alba. A long-spurred white variety.

Cœrulea (Rocky Mountain Columbine). Bright blue and white long-spurred flowers.

Helenæ. Large blue flowers and wide expanded white corolla.

Skinneri (Mexican Columbine). Yellow with long orange-red spurs.

Price. Any of the above, except where noted, 20 cts. each; \$2.00 per doz.; \$12.00 per 100. One each of the 7 sorts for \$1.25.

NEW JAPANESE COLUMBINE AQUILEGIA AKITENSIS.

A distinct and pretty Japanese alpine variety with large blue flowers and yellow corolla. 50 cts. each.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.



DREER'S
Long-spurred Hybrid
AQUILEGIAS
or COLUMBINES

- Winifred Walker -



Newport Pink
Sweet William



Japanese Speedwell
Veronica longifolia
subsessilis

DREER'S
Quartette
of
Extra Choice
HARDY PERENNIALS

One Strong Plant of
Each for 75 cts
Three of Each
for \$2⁰⁰



Globe Flower
Trollius Europæus



White Cornflower Aster
Stokesia cyanea alba

DREER'S QUARTETTE

OF EXTRA CHOICE

HARDY PERENNIALS

(Illustrated on the Plate Opposite)

The subjects illustrated are not high priced rare varieties, but just choice, every-day, old-fashioned hardy flowers that are easy to grow and which will make a bright spot of color in any border.

Newport Pink Sweet William. The prettiest color among Sweet Williams, a lovely salmon or watermelon-pink. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Japanese Speedwell (*Veronica Longifolia Subsessilis*). The showiest and best of the Speedwells, forms a bushy plant 2 to 3 feet high with long dense spikes of deep blue flowers from the middle of July to early in September. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

Globe Flower (*Trollius Europæus*). Large globular buttercup-like bright yellow flowers, appearing either singly or in pairs on 1 to 2 feet high stems during May and June. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

White Cornflower Aster (*Stokesia Cyanea Alba*). Aster-like white flowers 4 to 5 inches in diameter, in flower the best part of the summer and frequently until late fall. The plant is of neat habit of growth about 18 inches high; a good cut flower. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

Special Offer: One strong plant each of the 4 sorts for 75 cts.
Three strong plants each of the 4 sorts for \$2.00.

ARABIS (Rock Cress).

Alpina. One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock garden, but does equally well in the border, forming a dense carpet, completely covered with pure white flowers. It is nice for cutting, and lasts for a long time in bloom. (See cut.) 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

— **Flore Pleno.** A distinct and pretty double white form. 25 cts. each; \$2.50 per doz.

— **Rosea.** A new delicate rose-tinted variety. 35 cts. each; \$3.50 per doz.

ARALIA.

Cashmeriana. A stately ornamental plant with attractive foliage and large panicles of small white flowers in early summer; grows 5 to 8 feet high. 25 cts. each; \$2.50 per doz.

ARTEMISIA.

A most useful class of plants, either for the border or for filling in within the shrubbery. With the exception of the new variety *Lactiflora* they are not remarkable for their flowers; the foliage of the sorts offered is very ornamental. All the varieties offered stand cutting down to 5 or 6 inches when used in carpet or ribbon bedding.

Abrotanum (*Old Man, or Southern-wood*). Dark green, finely cut foliage, with pleasant aromatic odor; 2 feet.

Pedemontana. A handsome variety with finely cut silvery foliage.

Stelleriana (*Old Woman*). Deeply-cut silvery foliage; much used in carpet bedding; 18 inches.

20 cts. each; \$2.00 per doz.; \$12.00 per 100.



ARTEMISIA LACTIFLORA

ARTEMISIA LACTIFLORA.

Unlike the other varieties offered, which are grown for their foliage, this comparatively new introduction from China is a most effective flowering plant, with erect stems $3\frac{1}{2}$ to $4\frac{1}{2}$ feet high, clothed with elegantly-cut dark green foliage and terminated by panicles of Hawthorn-scented creamy-white Spiræa-like light and graceful flowers. It is at its best from the latter part of August to the end of September, and is particularly valuable on this account; being unlike any other plant in bloom at that time. (See cut.) 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



ARABIS ALPINA, OR ROCK CRESS



ARMERIA

ARMERIA.

(Sea Pink or Thrift.)

Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage, from which innumerable flowers appear in dense heads, on stiff wiry stems from 9 to 12 inches high. They flower more or less continuously from early spring until late in the fall. Very useful in the rockery. (See cut.)

Formosa Rosea. Light pink.

— **Alba.** Rose tinted white.

Lauchiana Rosea. Bright rose.

— **Alba.** White.

Price. Any of the above 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

New Armeria Cephalotes "Ruby."

A splendid improvement on the old variety growing 18 to 24 inches high with large heads of ruby-red flowers. 50 cts. each; \$5.00 per doz.

ASCLEPIAS.

(Butterfly Weed.)

Very showy native plants, about 2½ feet high, producing their flowers during July and August.

Incarnata Rosea (*Swamp Milkweed*). A selection of our native Milkweed, having pretty rosy-flesh colored flowers.

Tuberosa. Compact umbels of brilliant orange-colored flowers.

20 cts. each; \$2.00 per doz.; \$12.00 per 100.

PLANS OF HARDY BORDERS.

These are shown together with list of suitable plants in our Special Catalogue of Hardy Plants. Copies free on request.

SUMMER FLOWERING**HARDY ASTERS**

The following grow from 12 to 15 inches high, and produce their showy flowers during July and August. Their free flowering habit and compact growth makes them most desirable subjects for the front of the mixed border.

Acris. A neat variety, completely covered with violet-blue flowers.

Amellus Beauty of Ronsdorf. Of a tender lilac-rose, perfect in form and entirely distinct.

— **Perry's Favorite.** A most distinct, bright, clear rose.

— **Preziosa.** A fine deep violet-blue.

Ptarmicoides. White flowers, not large, but produced in great masses; fine for cutting.

Price. Any of the above 25 cts. each; \$2.50 per doz.

NEW SUMMER FLOWERING**HARDY ASTER.****AMELLUS "KING GEORGE."**

The finest form of the Amellus type yet introduced, individual flowers frequently measures three inches in diameter and of a good blue color (see cut). 50 cts. each; \$5.00 per doz.

Set of one each of the above 6 Asters for \$1.50.



ASCLEPIAS

DWARF ALPINE ASTERS.

Alpinus. Indispensable for the rockery or edge of hardy borders; grows 6 to 10 inches high and bears large showy bluish-purple flowers in May and June.

— **Albus.** Identical to the above, but with pure white flowers.

Sub-coeruleus. Forms a dense tuft of leaves, from which issue many leafless stems 12 inches high, bearing in June and July massive bluish-violet flowers 3 inches in diameter.

Price, 20 cts. each; \$2.00 per doz. Set of 3 sorts, 50 cts.

Fall Flowering Hardy Asters are offered on page 203.



ASTER AMELLUS KING GEORGE

NEW or SCARCE HARDY ASTERS

Feltham Blue. One of the most decorative free-flowering blue varieties, a pretty shade of aniline blue, produced on freely branched plants during August and September, 2½ feet high.

Grandiflorus. Not a new sort, but one of the finest of all, and distinct in character and flower from all others. The flowers, of a lovely dark bluish-violet, frequently measure 2 inches in diameter. It is the latest to flower—October and November—and by lifting the plants can be flowered in connection with Chrysanthemums, where its effect is very beautiful; 2 to 2½ feet high. 35 cts. each; \$3.50 per doz.

Novi-Belgii Climax. In this splendid new variety we have the most important addition to Michaelmas Daisies yet made, and we believe the forerunner of a distinct type. The plant is of strong, vigorous, habit, over 5 feet high, fully one-half of which consists of much-branched pyramidal-shaped flower stems filled with light lavender-blue flowers, each 1½ inches or more in diameter. It blooms from the latter part of August until the middle of October.

Thompsoni. One of the most beautiful large-flowered sorts yet introduced. The flowers are graceful, stellate form and of a pleasing Venetian-blue color; grows 15 to 18 inches high and blooms in July and August.

Price, except where noted, 25 cts. each; \$2.50 per doz. Set of 4 sorts for \$1.00.

JAPANESE DOUBLE WHITE HARDY ASTER.

This came to us unnamed from a Japanese nurseryman, and is entirely distinct from all other hardy Asters; the plants are of symmetrical habit, and grow about 2 feet high, and bear from July to September double white flowers not unlike the double white Feverfew. (See cut.) 30 cts. each; \$3.00 per doz.



JAPANESE DOUBLE WHITE
HARDY ASTER



HARDY ASTERS, OR MICHAELMAS DAISIES



ASTER NOVI-BELGII CLIMAX

FALL-FLOWERING HARDY ASTERS.

(Michaelmas Daisies, or Starworts.)

These are among the showiest of our late-flowering hardy plants, giving a wealth of bloom during September and October, a season when most other hardy flowers are past, and for the best effect should be planted in masses of one color. They grow freely in any soil. The collection offered below is made up of the choicest varieties only, the weedy sorts being eliminated.

Beauty of Colwall. One of the finest, of upright free-branching habit; 3 to 4 feet high, and literally covered during September with semi-double flowers of ageratum blue.

Formosissimus. Bright violet; 3 feet.

Lævis floribunda. Light heliotrope; 4 feet.

Novæ anglæ. Bright violet purple; 4 feet.

— **Lil Fardell.** Bright mauve; 4 feet.

— **Roseus.** Bright purplish-mauve; 4 feet.

Novi-Belgii Herbstelfe. Light ageratum blue in dense branched tufts; 3 feet.

— **Saphir.** Soft sky-blue; 3 feet.

— **St. Egwin.** A bright pink on strong bushes, 2½ to 3 feet high during September and October.

Peggy Ballard. A small semi-double lavender-blue; 4 feet.

Snowflake. Very free, pure white; 18 inches.

Tataricus. Distinct large bluish-violet; very late; 6 feet.

Price. Any of the above, 20 cts. each. \$2.00 per doz.; \$12.00 per 100. Set of 12 varieties for \$2.00.

SUMMER FLOWERING AND DWARF ALPINE ASTERS

Are offered on opposite page.

NEW HYBRID ASTILBES.

Hybrida Gruno. A splendid salmon-pink sort growing 4 feet high and producing light, graceful, spreading spikes of flowers, the finest pink Astilbe yet introduced. 50 cts. each.

Hybrida Moerheimi. A cross between *A. Davidi* and an unknown variety, with the strong, robust growth of the former, attaining a height of 5 to 6 feet. The well branched, erect spikes of flowers have a length of over two feet and are of a beautiful creamy-white. The originator and introducer, a prominent Holland grower, was awarded a first class certificate for this novelty by the Royal Horticultural Society of Holland and considers this plant the most important hardy perennial introduced in many years. Strong plants, 50 cts. each.

Hybrida Salland. This is also a cross, with *A. Davidi* as one of its parents, which it resembles in habit of growth, only much more vigorous, growing over 6 feet high and with flowers of a distinct red color, different from all others. 50 cts. each.

New Dwarf Astilbe, *Simplicifolia*.

This new dwarf species is a perfect gem for a damp spot on the rock garden, it grows but 4 to 5 inches high, with attractive, glossy bronzy-purple foliage and tiny racemes of white flowers. 50 cts. each.

ASTILBE ARENDSI.

This new type is the result of crossing *A. Davidi* with *A. Japonica compacta*, *astilboides* and *Thunbergi*. The plants are of very vigorous growth, 2½ to 3½ feet high, producing many-branched feathered heads of flowers in June and July. They prefer a half-shady, moist position in any ordinary garden soil. (See cut.)

Ceres. Delicate, light rose-colored flowers with peculiar silvery sheen.

Pink Pearl. Bright silvery pink.

Salmon Queen. Graceful panicles of a beautiful salmon-pink.

Venus. Similar to Ceres, but of bright, deep violet-rose color.

Vesta. Very graceful plumes of light lilac-rose.

Price. Any of the above, 35 cts. each. One each of the 5 sorts for \$1.50.

Choice Mixed Arendsi Seedlings, 30 cts. each; \$3.00 per doz.



ASTILBE ARENDSI

ASTILBE.

The varieties offered below are stately, hardy plants, and succeed best in rather heavy soil and where they will not suffer for lack of moisture.

Davidi. An important hardy plant. Its 5 to 6 feet high stems, which rise from a tuft of pretty dark-green foliage, are crowned with feathery plumes of deep rose-violet flowers during June and July.

Grandis. A grand species and a fine companion to *A. Davidi*, being of similar habit of growth, the panicles of white flowers frequently 2 to 2½ feet long; the foliage is much divided and attractive.

Either of the above, 25 cts. each; \$2.50 per doz.

ASTRANTIA (Master-wort).

Major. Grows about a foot high and bears during June and July peculiarly interesting blush flowers an inch across. A most interesting flower for a moist position. 25 cts. each; \$2.50 per doz.

BAPTISIA (False Indigo).

Australis. A strong-growing plant, about 2 feet high; suitable either for the border or wild garden, with dark green, deeply-cut foliage and spikes of dark-blue flowers in June.

Tinctoria. Spikes of bright yellow flowers in June; 2 to 2½ feet. 20 cts. each; \$2.00 per doz.

BELLIS PERENNIS (English Daisy).

Improved double-flowering, white and pink. 10 cts. each; \$1.00 per doz.; \$7.00 per 100.

BOCCONIA (Plume Poppy, or Tree Celandine).

Cordata. A noble, hardy perennial, beautiful in foliage and flower, admirably adapted for planting in the shrubbery borders, centre of beds and in bold groups in almost any position. It will grow in any soil or situation, attaining from 6 to 8 feet in height; flowers in terminal panicles, of a creamy-white color during July and August. (See cut.) 20 cts. each; \$2.00 per doz.; \$12.00 per 100.



BOCCONIA CORDATA



BOLTONIA

BLETIA.

Hyacinthina. A terrestrial Orchid from China, with grass-like foliage and terminal racemes of showy rosy-pink flowers; grows about a foot high and succeeds best in a damp, shady position; requires the protection of a cold frame in winter. 30 cts. each; \$3.00 per doz.

— **Alba.** A beautiful white-flowered form of the above. 50 cts. each; \$5.00 per doz.

BOLTONIA.

(False Chamomile.)

Among the showiest of our native hardy perennial plants with large, single Aster-like flowers. The plant is in bloom during the summer and autumn months, and with its thousands of flowers open at one time produces a very showy effect. (See cut.)

Asteroides. Pure white; very effective; 5 to 7 feet.

Latisquama. Pink, slightly tinged with lavender; 4 to 6 feet.

— **Nana.** Similar to the type, but growing only 2 feet high. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

CALIMERIS.

(Star Wort.)

Incisa. An attractive plant for the border; grows 12 to 18 inches high, producing from July to September daisy-like, pale, lavender flowers, with yellow centre. 25 cts. each; \$2.50 per doz.

CALLIRHOE.

(Poppy Mallow.)

Involucrata. An elegant trailing plant, with finely-divided foliage and large saucer-shaped flowers of bright rosy-crimson, with white centres, which are produced all summer and fall. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

CALTHA.

(Marsh Marigold).

Effective Hardy Perennials, of much value in marshy places and by the side of streams and ponds; grow about a foot high and bloom in early spring.

Palustris. Single bright yellow flowers. 20 cts. each; \$2.00 per doz.

Palustris Fl. Pl. Double-flowering. 25 cts. each; \$2.50 per doz.

Palustris Semiplena. A new semi-double form and an improvement on both the single and double-flowered varieties. 35 cts. each; \$3.50 per doz.

CARYOPTERIS.

Mastacanthus (*Blue Spiraea*). A handsome Hardy Perennial; grows about 3 feet high and produces rich lavender-blue flowers in great profusion the whole length of its branches. A valuable plant either for bedding or pot culture, blooming continuously from early in September until cut by frost. (See cut.) 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

CASSIA (American Senna.)

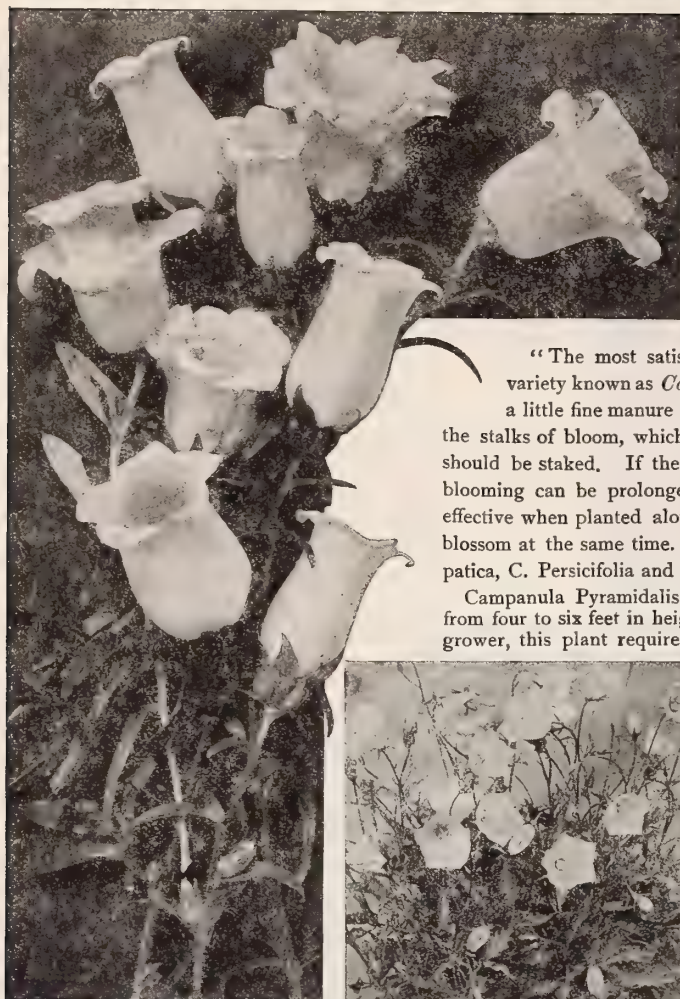
Marilandica. A plant growing from 3 to 4 feet high, bushy, with large panicles of bright yellow, curiously-shaped flowers in abundant axillary clusters from July to August. The beautiful pinnate light-green foliage is very pleasing. A very desirable plant. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.



CALLIRHOE INVOLUCRATA



CARYOPTERIS MASTACANTHUS



CAMPANULA MEDIUM
(Canterbury Bells)



CAMPANULA CARPATICA

CAMPANULAS, or, BELLFLOWERS.

Indispensable, hardy garden flowers, of much variety of form, some being of tall and imposing habit, while others are dwarf, compact little plants, suitable for edging, rockwork, etc. They like a good rich soil, and last much longer in bloom if planted in a half-shady place. All of the taller-growing kinds should be staked to prevent injury from high winds.

Mrs. Ely, the author of "A Woman's Hardy Garden," says:

"The most satisfactory of the Campanula family is the single biennial variety known as *Campanula Medium*, or Canterbury Bells. In the spring a little fine manure and some bone meal should be dug about each plant, and the stalks of bloom, which, if well cared for, will be nearly three feet in height, should be staked. If the flowers are cut immediately upon fading, the period of blooming can be prolonged to about six weeks. The Canterbury Bells are most effective when planted along the borders in front of early varieties of Phlox, which blossom at the same time. The best perennial varieties of Campanula are *C. Carpatica*, *C. Persicifolia* and *C. Pyramidalis*.

Campanula Pyramidalis will send up stalks to bloom by the middle of August from four to six feet in height, and continue to bloom for six weeks. Being a strong grower, this plant requires rich soil, and if liquid manure be applied around the roots from the time the buds begin to form, the number and size of the flowers will be greatly increased. A few of these plants grown in large pots make a beautiful decoration for terrace or piazza, well rewarding the time and trouble in raising them."

***Carpatica* (Carpathian Harebell).** A pretty species, growing in compact tufts, not exceeding 8 inches high; flowers clear blue, held erect on wiry stems. It begins blooming in June, continuing until October. As an edging for a hardy border or for the rockery it is unsurpassed.

— ***alba*.** The white flowered form.



CAMPANULA PERSICIFOLIA (Peach Bells)

***Glomerata* (Clustered Bell-flower).** Grows 18 inches high and produces from June to August dense clusters of funnel-shaped violet-blue flowers.

***Glomerata Superba* (New).** Grows from 1½ to 2 feet high and produces its large, showy violet-blue flowers from June to Aug. 25 cts. each; \$2.50 per doz.

***Grandis* (Great Bell-flower).** Very showy, large, saucer-shaped rich violet-blue flowers in May and June; 1½ feet. 25 cts. each; \$2.50 per doz.

***Groszeki*.** Produces its dark-blue flowers all summer; 2 feet.

***Lactiflora Cœrulea*.** Pale blue flowers during July and August; 2½ feet. 25 cts. each.

***Lactiflora Alba Magnifica* (New).** A splendid large-flowered form with milky-white flowers. 50 cts. each.

***Medium* (Canterbury Bells).** We can supply in blue, rose, white or in choice mixed colors; 3 feet. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

***Persicifolia* (Peach Bells).** Blue flowers during June and July; 2 feet. 25 cts. each; \$2.50 per doz.

— ***alba*.** A pure white form of the above. 25 cts. each; \$2.50 per doz.

— ***Gigantea Moerheimi*.** A grand sort with spikes of double pure white camellia-like flowers, 2 to 2½ inches in diameter; in bloom from the middle of May till late in July. 30 cts. each; \$3.00 per doz.

***Punctata*.** Large nodding, bell-shaped flowers, white-spotted, purplish-rose; May and June; 1 foot.

***Pyramidalis* (Chimney Bell-flower).** The most conspicuous of all Campanulas, forming a perfect pyramid 4 to 6 feet high, crowded with large salver-like porcelain-blue flowers in August. 25 cts. each; \$2.50 per doz.

***Rotundifolia* (Blue Bells of Scotland).** This is the true Hare-bell, with beautiful clear blue flowers from June till August; 1 foot.

***Trachelium* (Coventry Bells).** Purple flowers; June and July; 3 feet.

Price, any of the above, except where noted, 20 cts. each; \$2.00 per doz.; \$12.00 per 100. Set of 16 varieties, \$3.50.

CENTAUREA (Hardheads, or Knapweed).

Of easy culture, delighting in an open, sunny position, producing a wealth of bloom, which not only makes a fine display in the border, but is excellent for cutting.

Hirta nigra variegata (*Variegated Button Weed*). Variegated green and gold foliage, and during July and August purple flowers; 2 feet.

Dealbata. Distinct bright rose-colored flowers; July to September; 18 inches.

Macrocephala. Very large thistle-like golden-yellow flowers; useful for cutting and showy in the border; July and August; 3½ feet.

Montana (*Perennial Corn Flower*). Grows 2 feet high, bearing large violet-blue flowers from July to September.

— **alba**. Large white variety of the above.

20 cts. each; \$2.00 per doz. Set of 5 sorts, 85 cts.

CEPHALARIA (Roundheads).

Alpina. A tall-growing plant which, when fully established, attains a height of 6 feet, bearing in June and July delicate sulphur-yellow flowers, not unlike the flowers of *Scabiosa*. 25 cts. each; \$2.50 per doz.

CERASTIUM.

(Snow in Summer.)

Tomentosum. A desirable low-growing plant with silvery foliage and white flowers in June, suitable for the rockery, or for carpeting dry, sunny spots, or for covering graves; can also be used with good effect in carpet bedding. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.



CENTAUREA MONTANA

Chamælirium.

Luteum. A useful plant for moist, shady positions, producing in June dense cylindrical heads of small creamy-yellow blossoms. 25 cts. each; \$2.50 per doz.

CHELONE.

(Shell Flower.)

Stately and handsome perennials, growing about 2 feet high, and bearing numerous spikes of large flower-heads during the summer and fall.

Glabra Alba. Terminal spikes of creamy-white flowers.

Lyoni. Heads of showy purplish-red flowers. (See cut.)

25 cts. each; \$2.50 per doz.; \$15.00 per 100.



CHRYSANTHEMUM
SHASTA DAISY ALASKA

HARDY CHRYSANTHEMUMS.

(Shasta Daisy, Etc.)

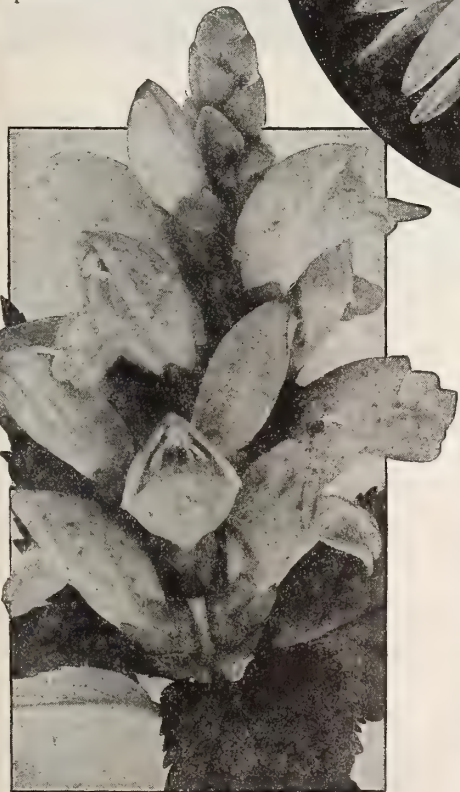
Arcticum (*The Arctic Daisy*). Among fall-flowering perennials this is a perfect gem. It forms an attractive rosette-like clump of pretty dark green foliage, and in September multitudes of flower stems appear, terminated by pure white flowers from 2 to 2½ inches in diameter. These begin to develop during the last week in September and continue in good condition throughout October and frequently into November; 15 inches. 20 cts. each; \$2.00 per doz.

Shasta Daisy "Alaska." A decided improvement on the original, with blooms 4½ to 5 inches across, of pure glistening white. Very free-flowering and in bloom all summer and fall. (See cut.) 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Nipponicum. A Japanese species, grows 2 feet high with thick foliage, large, pure white flowers in September and October. 25 cts. each; \$2.50 per doz.

Double Pompon. Offered on page 208.

Double Large-flowering Hardy. Offered on page 208.



CHELONE LYONI

NEW DOUBLE MOONPENNY DAISY.

(Chrysanthemum Leucanthemum Flore Pleno.)

A double-flowering Daisy of this type has long been sought for and is now offered in this English introduction, which in our trial grounds the past season proved very satisfactory. The white flowers, about $2\frac{1}{2}$ inches in diameter, are not unlike a double white Pyrethrum; the plant grows about 15 inches high and produces masses of blooms in June and July with a fair scattering of flowers through the balance of the summer and fall. 50 cts. each; \$5.00 per doz.



NEW DOUBLE MOONPENNY DAISY.

**OLD-FASHIONED LARGE-
FLOWERING HARDY
CHRYSANTHEMUMS.**

We offer below 5 fine large-flowering varieties, which have proved absolutely hardy in this latitude, having withstood a number of severe winters without injury, and which will be found useful for garden decoration.

Autumn Glow. Rose-crimson.**Indian.** Indian-red.**Golden Queen.** Yellow.**Old Homestead.** Pink.**Victory.** White.

15 cts. each; \$1.50 per doz.; \$10.00 per 100. The set of 5 for 65 cts.



A GROUP OF POMPON CHRYSANTHEMUMS

**Plans of
Hardy Borders.**

These are shown together with list of suitable plants in our Special Catalogue of Hardy Plants. Copies free on request.

HARDY POMPON CHRYSANTHEMUMS

These are now universally popular for outdoor bedding, and, considering their many good qualities, there is no cause for surprise to see them cultivated so extensively. They produce a lavish profusion of blooms, giving color, life and beauty to the garden just at a time when other plants have been destroyed by frost and are looking their worst. Frost does not materially affect the flowering, and it still frequently happens that an armful of flowers can be cut late in November. They are quite hardy if planted in a well-drained position, and, with a good covering of leaves or litter during the winter, will take care of themselves.

We offer two distinct sets, the small or so-called "Button" varieties, the other the larger-flowering or "Aster" flowered type.

"Button" Sorts.**Golden Climax.** Golden yellow.**Iva.** Very small, deep bronze.**Klondike.** Beautiful yellow.**Maid of Kent.** Rose, tinted white.**Model of Perfection.** A fine white.**Minta.** Exquisite, delicate pink.**Nio.** Shell-pink, shading to white.**Rhoda.** Rosy-pink.**Skibo.** Yellow, shaded bronze.**Viola.** Violet-red.**Waco.** Very fine white.**Zenobia.** Early, yellow.**Aster-flowered
Sorts.****Boston.** Brownish bronze.**Brown Bessie.** Dark bronze.**Etoile d'Or.** Fine yellow.**Globe d'Or.** Lemon yellow, with darker shadings.**Julia Lagravere.** Rich garnet.**King Henry.** Straw color.**Lilian Doty.** Incurred, pink.**Meg.** Claret-red; fine.**Sir Michael.** Lemon.**Soeur Melanie.** Fine white.**St. Illoria.** Silvery-rose.**Victor.** Rosy-carmine.

Price. Any of the above, 10 cts. each; \$1.00 per doz.; \$6.00 per 100. Set of 12 sorts of either, \$1.00.

Large-flowering Chrysanthemums for indoor culture are offered under Garden and Greenhouse Plants



CIMICIFUGA SIMPLEX

CIMICIFUGA.
(Snake Root.)

Simplex. Most valuable by reason of its extreme late flowering, beginning in September and attaining full perfection about the middle of October, a time when flowers are scarce. Its flowering stems are from 2½ to 3 feet high, terminated with a dense spike of white flowers, which, when cut, last in perfection a long time. (See cut.) 50 cts. each; \$5.00 per doz.

Acerina or Japonica. A pretty Japanese variety with white flowers; August and September; excellent for cutting; 2½ feet.

Dahurica. Large cylindrical spikes of creamy-white flowers in September; 3½ feet.

Racemosa. A handsome native species bearing in July and August spikes of pure white flowers; well suited for planting at the back of the border or for naturalizing at the edge of the woods; 4 to 6 feet.

Price, except where noted, 25 cts. each; \$2.50 per doz. Set of 4 sorts for \$1.00.

CLAYTONIA.

(Spring Beauty.)

Virginica. A low-growing, early spring-flowering native plant, producing clusters of light pink flowers. Succeeds best in a half-shady spot on the rockery. 15 cts. each; \$1.50 per doz.



CLEMATIS DAVIDIANA

SHRUBBY CLEMATIS.

This type of Clematis is deserving of the greatest popularity. They form erect bushes 2 to 3 feet high. During their long period of bloom they are very attractive.

Davidiana. A most desirable variety, with fresh, bright green foliage and tubular bell-shaped flowers of deep lavender blue during August and September; deliciously fragrant. 20 cts. each; \$2.00 per doz.

Heracleæfolia. Of the same general habit as above, but with lighter colored flowers 25 cts. each; \$2.50 per doz.

Recta. One of the best hardy perennials, with handsome pure white flowers in very large, showy clusters during June and July; very effective. 25 cts. each; \$2.50 per doz.

Recta Flore Pleno. Identical to the beautiful single-flowering type, except that the flowers are double and larger. We consider this one of the most desirable perennials in our collection, and although introduced more than ten years ago, this plant is seldom offered for sale, owing to its being difficult to propagate. We offer strong plants at 50 cts. each.

One each of the 4 sorts for \$1.00.

CONVALLARIA.

(Lily of the Valley.)

Majalis. This is often starved and neglected and relegated to some poor, out-of-the-way corner; but this popular and fragrant subject, like most other plants, repays for being well treated, and if the bed is given a liberal top-dressing of well-decayed manure in fall or early spring it will show the effect by increased size, number and vigor of the flowers. The stock we offer is strong clumps, especially suited for outdoor planting, which should be done before the end of April. 25 cts. each; \$2.50 per doz.; \$20.00 per 100.



CONVALLARIA (Lily of the Valley)



COREOPSIS LANCEOLATA GRANDIFLORA

COREOPSIS.

Lanceolata grandiflora. One of the most popular hardy plants. The flowers are a rich golden-yellow, of graceful form and invaluable for cutting; the main crop comes during the latter part of June, but it continues in bloom the entire summer and autumn. It succeeds everywhere; 2 to 3 feet. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Rosea. Finely-divided, dark green foliage, bearing in August and September numerous small pink flowers; useful in border or rockery; 1 foot. 20 cts. each; \$2.00 per doz.

Verticillata. Masses of small golden-yellow flowers in July and August, on neat plants with finely divided foliage; 2 feet. 20 cts. each; \$2.00 per doz.

CORONILLA (Crown Vetch).

Varia. A rampant creeper, with handsome globular heads of showy bright, pink and white Sweet Pea-shaped flowers; a useful plant for covering rough banks or for the rockery. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

DIANTHUS (Pinks).

Deltoides (Maiden Pink). A charming creeping variety, with medium-sized pink flowers in June and July; especially suited for the rock garden.

— **Alba.** A pretty white-flowered form.

Latifolius atrococcineus Fl. Pl. (Ever-blooming Hybrid Sweet William). A beautiful summer bedding variety, producing masses of brilliant fiery crimson-double flowers throughout the entire season. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

See also *Hardy Garden Pinks*, page 233, and *Sweet William*, page 241.

DICTAMNUS (Gas Plant).

A very showy border perennial, forming a bush about 2½ feet in height, having fragrant foliage and spikes of curious flowers during June and July, giving off on warm, sultry evenings a fragrant volatile oil, which ignites when a match is applied to the stem directly under the head of flowers. They require a heavy, strong soil and an open, sunny position. It is not advisable to transplant often, as they improve with age, it being one of the most permanent features of the hardy herbaceous border. Instances are known where this plant has out-lived father, son and grandson in the same spot. (See cut.)

Fraxinella. Showy rosy-pink flowers, with deeper veins.

— **Alba.** Pure white.

Price, either of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

DREER'S SPECIAL CATALOGUE OF Old-Fashioned Hardy Plants.

Contains a complete alphabetical list of all the hardy plants we grow, and gives their color, height, time of flowering and location best suited for each; also plans of Hardy Borders, etc. Copies free on request.

Columbines.

Do not overlook our offer of these on page 200.



DIANTHUS LATIFOLIUS ATROCOCINEUS, FL. PL.



DICTAMNUS

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

Delphiniums or Hardy Larkspurs

The list below includes, in addition to the well-known and popular standard sorts, some of the finest hybrids yet introduced, selected from the collections of eminent English and Continental specialists.

Mrs. Ely, author of "A Woman's Hardy Garden," says:

"Perennial Larkspur may be planted as soon as the spring has opened. The ground should be well-drained and carefully prepared, but manure must not be allowed to come in contact with the roots, or grubs are apt to destroy the plants. A little finely ground bone meal dug around each plant early in May will be of benefit, and in late autumn coal-ashes should be sifted over the crowns of the plants to protect them from the white grub, which is their only enemy. The stalks being very tender, the plants should be staked when they are about three feet high, to protect them from heavy wind. Larkspur begins to bloom about June 20th, and by cutting off the plants close to the ground, as soon as each crop of flowers has faded, a second and third crop of flowers will succeed. Each time the plants are cut a little bone meal should be dug about them."

Amos Perry. Semi-double flowers of a rich rosy-mauve flushed with sky blue and a conspicuous black eye. 50 cts. each; \$5.00 per doz.

Antigone. One of the most attractive, large circular double flowers, bright gentian-blue, the inner petals rosy-plum, white eye. 50 cts. each; \$5.00 per doz.

Belladonna. The freest and most continuous blooming of all, never being out of flower from the end of June until cut down by hard frost. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Carmen. Semi-double flowers of a deep gentian-blue, the smaller petals in the centre rosy-plum with a deep brown eye. Individual flowers two inches across. 50 cts. each; \$5.00 per doz.

Chinense. A very pretty dwarf species, with fine feathery foliage and intense gentian-blue flowers in open panicles. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

— **Album.** A pure white form of the above. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

Cory. A striking variety with spikes $5\frac{1}{4}$ feet high, well furnished with large circular flowers of a beautiful Forget-me-not blue, with bold white eye. 75 cts. each; \$7.50 per doz.

Formosum. The old favorite dark blue with white centre; 3 to 4 feet high. Very vigorous, free-flowering, and one of the best. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

King of Delphiniums. One of the most distinct of the newer hybrids; the plant is of remarkably strong growth, with flowers of gigantic size, semi-double and of a deep blue color, with large white eye. 75 cts. each; \$7.50 per doz.

Lamartine. Similar in habit of growth to Belladonna, but with rich gentian-blue flowers with white centre; very distinct and handsome. 35 cts. each; \$3.50 per doz.

Lizzie. Splendid azure-blue flowers 2 inches across, with bold yellowish eye arranged on massive stems. 35 cts. each; \$3.50 per doz.

Mrs. Creighton. Semi-double flowers, deep Oxford-blue, plum-colored centre with a large brown eye. One of the darkest. 35 cts. each; \$3.50 per doz.



NEW HYBRID DELPHINIUMS

Moerheimi. This is the first really white hybrid Delphinium introduced, and is a decided acquisition. The plant is of strong, vigorous growth, 5 feet high, the lateral or side shoots $2\frac{1}{2}$ feet high. The flowers are of purest white, without the slightest shading; a free and continuous bloomer from June till frost. 35 cts. each; \$3.50 per doz.

Mrs. Thompson. Very free-flowering sort, with clear deep blue flowers with white eye. 35 cts. each; \$3.50 per doz.

Perfection. Double flowers nearly 3 inches across of sky-blue, slightly flushed with rose, in strong, massive spikes. 75 cts. each; \$7.50 per doz.

Persimmon. Sky-blue flowers with white eye. Very strong, erect, branching spikes. 35 cts. each; \$3.50 per doz.

Queen Wilhelmina. One of the finest hybrids; immense flowers of a soft lavender-blue, flushed rose, with a very conspicuous white eye. 50 cts. each; \$5.00 per doz.

Rev. E. Lascelles. This grand new sort is one of the finest yet introduced, plant very strong, growing 6 feet high, immense very double flowers of a deep purple-blue with clear white centre. \$1.00 each.

DREER'S SELECT GOLD MEDAL HYBRID DELPHINIUMS.

Unquestionably the finest strain of mixed hybrids offered. The original stock came from England, and consisted of the best-named varieties. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. We can supply them in mixture only. Price, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

DIELYTRA, OR DICENTRA.

Spectabilis (*Bleeding Heart*, or *Seal Flower*). An old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive; it is used largely for forcing, and is perfectly at home in any part of the hardy border, and especially valuable for planting in the shade. May; 2 feet. (See cut.)

Formosa (*Plumy Bleeding Heart*). A dwarfier-growing species, with finely-cut ornamental foliage, growing about 15 inches high, and producing its showy pink flowers from April to August.

20 cts. each; \$2.00 per doz.; \$12.00 per 100.

DIGITALIS (Foxglove).

The Foxgloves, old-fashioned, dignified and stately, are wholesome company in any garden. The strong flowerstalks—frequently 4 to 6 feet high—rising from rich and luxuriant masses of leaves, always give an appearance of strength to the hardy border, and during their period of flowering dominate the whole garden.

Gloxiniæflora (*Gloxinia-flowered*).

A beautiful strain of finely-spotted varieties. We offer them in *White*, *Purple*, *Rose* or *Mixed*.

Ambigua, or Grandiflora. Showy flowers of pale yellow, veined brown; 2 to 3 feet.

Lanata. A distinct species, producing dense spikes, 2 to 3 feet high, of odd-looking flowers, the corolla being gray, the lip creamy-white.

15 cts. each; \$1.50 per doz.; \$10.00 per 100. One each of the 5 colors, 65 cts.



DIGITALIS (Foxglove)

DORONICUM.

(*Leopard's Bane*.)

One of the most effective very early spring flowering perennials. If placed in pots in the fall, they can readily be forced into flower during the winter months in the conservatory or winter garden. There

DIELYTRA (*Bleeding Heart*)

are many who have only seen this as a single plant, here or there in a hardy border, and have no idea of the effect it has when planted in a mass. It is also a splendid flower for cutting, as it carries well and stands a long time in water, opening out morning after morning, to the surprise and delight of the possessor. They succeed everywhere, and should have a place in every garden.

Clusii. Rich yellow; $2\frac{1}{2}$ to 3 inches across; 18 to 24 inches.

Excelsum. Large orange-yellow; $3\frac{1}{2}$ inches across; 24 to 36 inches.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

DRABA (Whitlow Grass).

Androsacea. A pretty dwarf-growing rock-plant, producing white flowers early in spring. 25 cts. each; \$2.50 per doz.

ECHINOPS (Globe Thistle).

Ritro. Interesting and showy thistle-like plants with globular heads of deep metallic blue flowers, which can be dried and remain attractive for a long time; 2 to 3 feet. 25 cts. each; \$2.50 per doz.

Sphærocephalus. Large heads of bluish white attractive flowers. 25 cts. each; \$2.50 per doz.



DORONICUM



EUPATORIUM AGERATOIDES AND CŒLESTINUM

EOMECON (Eastern Poppy).

Chionantha. An interesting plant, growing about 2 feet high, with pure white poppy-like flowers, 2 inches across, flowering in spring. 25 cts. each.

EPIMEDIUM (Barren-wort, Bishop's Hat).

Dwarf-growing plants, 8 to 10 inches high, with leathery foliage and panicles of interesting flowers; the foliage of all the varieties offered below assumes the most beautiful tints of color in autumn.

Mushianum Rubrum. Rosy red.

Niveum. Dwarf, early, pure white.

Sulphureum. Fine yellow.

Violacea. Rich violet.

25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 4 sorts 85 cts.

ERIGERON (Flea Bane).

Intermedium (Giant-flowered Flea Bane). A large flowered variety, growing 2 feet high, producing showy, Daisy-like flowers about 2 inches in diameter, of delicate rose-tinted white color; flowering continuously during the summer months. 25 cts. each; \$2.50 per doz.

Speciosus Roseus. Large, rosy-pink flowers from June to August. 2 feet high. 50 cts. each; \$5.00 per doz.

ERYNGIUM (Sea Holly).

Handsome ornamental plants, growing from 2 to 3 feet high. Effective in flower and shrubby border, woodlands, wild gardens, etc.; the flower heads, which are produced from July to September, are useful to cut for vases or to dry for winter bouquets.

Amethystinum. The finely-cut, spiny foliage and the beautiful thistle-like heads are of glistening amethystine-blue. A most ornamental plant. (See cut.) 25 cts. each; \$2.50 per doz.

Maritimum. Deeply cut pale blue foliage and flowers. 35 cts. each; \$3.50 per doz.

EUPATORIUM.

Ageratoides (Thorough wort). A useful border plant of strong, free growth, 3 to 3½ feet high, with minute white flowers in dense heads, splendid for cutting; August and September.

Cœlestinum. A pretty hardy plant, with light blue flowers similar to the *Ageratum*; in flower from August until frost. 18 to 24 inches.

Purpureum Maculatum (Joe Pye Weed). A deeply colored form of the purple Joe Pye Weed, a common native plant, useful in low ground.

20 cts. each; \$2.00 per doz.; \$12.00 per 100.

EUPHORBIA (Milk Wort).

Corollata (Flowering Spurge). A most showy and useful native plant, growing about 18 inches high and bearing from June to August umbels of pure white flowers, with a small green eye; desirable for cutting. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

Cyparissias. Grows from 10 to 12 inches high, and forms neat clumps with Cypress-like foliage, and during the month of May showy trusses of bright yellow flower-like bracts; very effective even when out of bloom. 25 cts. each; \$2.50 per doz.

Polychroma. Very beautiful and effective in spring, when it bears masses of chrome yellow flower-like bracts; 2 feet. 25 cts. each; \$2.50 per doz.



ERYNGIUM AMETHYSTINUM

PLANS OF

HARDY BORDERS

These are shown together with list of suitable plants in our Special Catalogue of Hardy Plants. Copies free on request.



EUPHORBIA COROLLATA

LASTREA
CHRYSOLOBAASPLENIUM
FILIX-FEMINA MULTIFIDUMSCOLOPENDRIUM
UNDULATUM

POLYSTICHUM

ASPLENIUM
FILIX-FEMINA VICTORIÆ

ADIANTUM PEDATUM

CHOICE HARDY FERNS.

Suitable positions for Hardy Ferns are to be found in almost every garden. With few exceptions they do best in a shady or semi-shady position in rich well-drained soil, where they can be liberally supplied with water during dry weather. Where the soil is stiff or clayey, incorporate a liberal quantity of leaf-mould, peat or other loose material to make it friable.

Varieties marked * require a shady position. Those marked † succeed in the sun or half-shade. We give after each variety the average height of growth in inches.

- * **Adiantum Pedatum** (*Hardy Maidenhair*). 8 to 12 in.
- * **Aspidium Acrostichoides** (*Wood Fern*). 12 in.
- * — **Marginale** (*Evergreen Wood Fern*). 12 to 24 in.
- * — **Goldieanum** (*Shield Fern*). 24 to 36 in.
- * — **Spinulosum**. 12 to 15 in.
- * **Asplenium Filix-fœmina**. 10 to 12 in.
- * — **Victoriæ** (*Queen of Lady Ferns*). 12 to 15 in.
- † — **Multifidum**. 12 to 15 in.
- * — — **Plumosa**. 12 to 15 in.
- * — — **Pulcherimum**. 12 to 15 in.
- † — — **Setigerum**. 15 to 18 in.

- * **Asplenium Filix-fœmina Cragii Laciniatum**. 15 to 18 in.
- * — **Goringianum Pictum**. 10 to 15 in.
- * — **Thelypteris**. 15 to 18 in.
- † — **Trichomanes**. 3 to 6 in.
- † **Dicksonia Punctilobula** (*Gossamer Fern*). 24 to 36 in.
- * **Lastrea Chrysoloba**. 12 in.
- † — **Pseudo-mas Cristata**. 12 to 15 in.
- † — **Filix-mas** (*Male Fern*). 18 to 24 in.
- * — **Dilata Gracilis**. 18 in. 50 cts. each.
- * — — **Lepidota Polydactyla**. 18 in. 75 cts. each.
- * — **Propingua**. 15 to 18 in.
- * — **Fluctuosa**. 12 to 15 in.
- † **Nephrodium Hertipes**. 18 to 24 in.
- † **Onoclea Struthiopteris** (*Ostrich Fern*). 24 to 36 in.
- † **Osmunda Claytonia** (*Flowering Fern*). 24 to 36 in.
- † — **Cinnamomea** (*Cinnamon Fern*). 24 to 36 in.
- † — **Regalis** (*Royal Fern*). 24 to 36 in.
- * **Phegopteris Hexagonoptera**. 10 to 12 in.
- † **Polystichum Angulare Divisilobium**. 15 to 18 in. 75 cts. each.
- * — — — **Grandis**. 15 to 18 in. 75 cts. each.
- † — — — **Stipulatum**. 15 to 18 in. 75 cts. each.
- † — — — **Frondosa**. 15 in. 75 cts. each.
- † — — — **Multilobatum**. 15 to 18 in. 75 cts. each.
- † — **Braunii**. 12 to 15 in.
- † — **Setosum**. 12 in.
- * **Scolopendrium Officinatum** (*Hart's Tongue*). 12 in. 25 cts. each.
- * — — **Capitatum**. 12 in. 50 cts. each.
- * — — **Digitatum**. 12 in. 50 cts. each.
- * — — **Undulatum**. 12 in. 50 cts. each.

Price, except where noted, 20 cts. each; \$2.00 per doz.; \$15.00 per 100. Set of 40 sorts, \$10.00.

Little Gem Feverfew (*Matricaria*).

A most useful border plant and valuable summer cut flower, with large double-white flowers; June until October; 18 to 24 inches high. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



LITTLE GEM FEVERFEW



FUNKIA SUBCORDATA GRANDIFLORA

FUNKIA (Plantain Lily).

The plantain Lilies are among the easiest plants to manage; their broad, massive foliage makes them attractive subjects for the border even when not in flower. They succeed equally well in sun or shade.

Cœrulea. Blue, broad green leaves; June; 4 feet.

Fortunei. Large glaucous green foliage, lilac colored flowers; 2 feet. 25 cts. each.

Fortunei Gigantea. A new variety, a cross between Sieboldiana and Fortunei, combining the very large, attractive foliage of the former with the rich glaucous coloring of the latter. A strong, vigorous grower, with large, lilac-colored flowers. A fine ornamental border plant; July; 2½ feet. 25 cts. each; \$2.50 per doz.

Minor Alba. This is a perfect little gem, growing from 12 to 15 inches high with nice clean cut, green foliage and comparatively large pure white flowers, suggesting a giant form of the St. Bruno's Lily; these are produced very freely during July. 25 cts. each; \$2.50 per doz.

Lanceolata. Valuable by reason of its late flowering, lilac flowers in September; 2 feet.

Robusta elegans variegata. The most robust of all the variegated-leaved varieties; foliage large, green, with pretty, white variegations; July; 2½ feet.

Subcordata Grandiflora. Very large and showy; pure white, lily-shaped, fragrant flowers in August and September, 2½ to 3 feet.

Undulata media picta. Green and white variegated foliage; purple flowers. Makes a fine edging; July; 2 feet.

Price, except where noted, 20 cts. each; \$2.00 per doz.; \$12.00 per 100. Set of 8 varieties for \$1.50.

GAILLARDIA (Blanket Flower).

Grandiflora. One of the showiest hardy plants, growing about 2 feet high and succeeding in any soil in a sunny position; beginning to flower in June; they continue the entire season. The large flowers are of gorgeous coloring. The centre is dark brown, while the petals are marked with rings of brilliant crimson, orange and vermilion, and often a combination of all in one flower; excellent for cutting. (See cut.) 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

GENTIANA.

Andrewsii (Blue Gentian). A pretty native species, growing about 2 feet high; flowers fine blue; in August. 25 cts. each; \$2.50 per doz.

Scabra. A Japanese species, which comes into flower in October and continues well into November, a season when there are few outdoor flowers. 50 cts. each.

GERANIUM (Crane's Bill).

Fremonti. Large attractive foliage and rosy-purple flowers; 2 feet.

Grandiflorum. Pale lilac-blue flowers; 1 foot.

Platypetalum. Large rosy-purple flowers in June; 1½ feet.

Sanguineum. A desirable plant; with pretty cut foliage and bright crimson flowers; blooms the entire season; 18 inches.

— **Album.** Pure white variety of above.

20 cts. each; \$2.00 per doz. Set of 5 sorts, 75 cts.

GEUM (Avens).

Pretty border plants, growing about 15 inches high; and producing showy, bright-colored flowers from May to July.

Bulgaricum. The true form; a very free-flowering clear orange; in bloom from May to September. 50 cts. each.

Coccineum. Brilliant scarlet flowers. 25 cts. each; \$2.50 per doz.

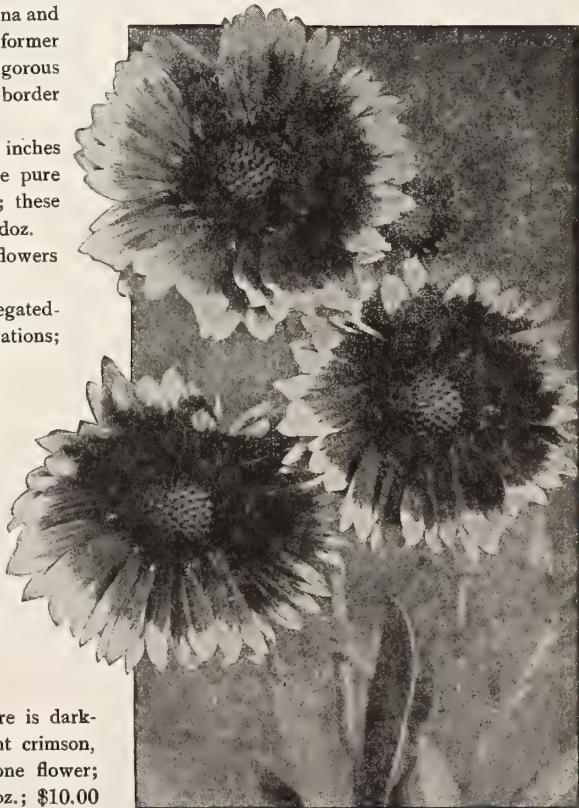
Miniatum, Perry's Variety. A splendid improvement on this brilliant rich orange-colored variety, and one of the earliest perennials to flower in spring. 50 cts. each.

GILLENIA (Bowman's Root).

Trifoliata. A strong-growing perennial; admirable for the border or for use in connection with shrubs, with handsome trifoliate foliage and numerous white flowers, tinged with pink; July; 3 feet. 25 cts. each; \$2.50 per doz.

GLECHOMA, OR NEPETA.

Variegata (Variegated Groundsel, or Ground Ivy). A most useful variegated creeper for growing over banks and stones in the rockery. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



GAILLARDIA GRANDIFLORA



BED OF ORNAMENTAL GRASSES. THE BORDER IS FORMED OF PENNISETUM RUEPPELIANUM, WHICH WE OFFER UNDER GARDEN AND GREENHOUSE PLANTS

Hardy Ornamental Grasses.

The ornamental grasses, exclusive of the Bamboos, can be used with telling effect in borders, large beds, or by the margin of ponds and lakes. They are often used with small shrubs and medium-sized trees in wide borders. The Eulalias, planted singly on lawns where the soil is deep and rich, take care of themselves, and grow rapidly into large specimens. In large, round beds, with ornamental Grasses as the principal feature, the effect is heightened by the addition of such plants as Cannas or dwarfier flowering plants near the margin. The tallest of the Grasses is the Giant Reed (*Arundo Donax*). A small plant will soon establish itself and grow from 12 to 20 feet in height. In large, round beds this is the best of all the species for the central position. A less hardy form has variegated leaves growing 8 to 10 feet in height. It keeps its color well throughout the summer months. The Hardy Pampas (*Erianthus Ravennæ*) comes next in height to the green-leaved *Arundo*. It is not far behind the gorgeous Pampas (*Gynierium*) when in bloom. It attains a height of 10 to 12 feet under ordinary conditions. All of the Grasses, but especially the *Arundo* and *Erianthus*, do best when given a heavy soil, enriched with manure and an abundant supply of water. *Eulalia Japonica Variegata* and *Zebrina* are probably the handsomest of the variegated Grasses, growing 6 feet high, and as much in diameter; the variety *E. Gracillima Univittata* is a narrow-leaved species, with a light band down the centre of each leaf. Among the small-growing kinds, for a dwarf tufted border, *Festuca Glauca* has no equal.

***Arrhenatherum bulbosum variegatum*.** A pretty dwarf tufted Grass; leaves green and white; 6 to 8 inches. 25 cts. each; \$2.50 per doz.

***Arundo Donax* (*Great Reed*).** A magnificent variety growing to a height of 20 feet. 25 cts. each; \$2.50 per doz.

— ***Variegata*.** A beautiful variegated form. Foliage white and green; 8 to 10 feet. 25 cts. each; \$2.50 per doz.

***Elymus Glauca* (*Blue Lyme Grass*).** A handsome Grass, with narrow glaucous silvery foliage; well adapted for the border or the edge of beds containing taller sorts; 2 feet. 25 cts. each; \$2.50 per doz.

***Erianthus Ravennæ* (*Plume Grass or Hardy Pampas*).** Grows from 10 to 12 feet high, frequently throwing up from 30 to 50 flower spikes. It closely resembles the Pampas Grass. 25 cts. each; \$2.50 per doz; clumps, 50 cts. each.

***Eulalia Gracillima Univittata* (*Japan Rush*).** Of graceful habit, with very narrow foliage; of a bright green color, with a silvery midrib; 6 to 7 feet. 25 cts. each; \$2.50 per doz; clumps, 50 cts. each.

***Eulalia Japonica*.** Has long narrow, graceful green foliage, and when in flower the attractive plumes are 6 to 7 feet high. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

***Eulalia Japonica Variegata*.** Very ornamental; long, narrow leaves, striped green, white and often pink or yellow. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

***Eulalia Japonica Zebrina* (*Zebra Grass*).** The long blades of this variety are marked with broad yellow bands across the leaf. It makes a very attractive specimen plant for the lawn; 6 to 7 feet. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

***Eulalia Japonica Zebrina Stricta*.** A more erect-growing form of the Zebra Grass, with the transverse variegation of green and yellow appearing more pronounced; a desirable addition; 6 to 7 feet. 25 cts. each; \$2.50 per doz; clumps, 50 cts. each.

***Festuca Glauca* (*Blue Fescue*).** A pretty dwarf tufted Grass, with glaucous foliage; 8 to 10 inches. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

***Gynierium Argenteum* (*Pampas Grass*).** One of the most effective. Its silvery plumes are produced on stems 8 to 10 feet high. Well established plants can remain in the open ground if protected. 50 cts. each. Specimen plants, \$1.00 each.

***Pennisetum Japonicum* (*Hardy Fountain Grass*).** This variety grows about 4 feet high, foliage narrow, of a bright green, while the cylindrical flower heads, carried well above the foliage, are tinged with bronze purple, one of the most valuable hardy grasses. 25 cts. each; \$2.50 per doz.; \$12.00 per 100.

***Phalaris Arundinacea Variegata* (*Variegated Ribbon Grass, or Gardener's Garters*).** Large variegated foliage; an excellent grass for bordering large beds; 12 to 15 inches. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

***Uiola Latifolia* (*Spike Grass*).** One of the finest of our native Grasses; 3 to 4 feet high, with very ornamental flat heads in graceful drooping panicles. 25 cts. each; \$2.50 per doz.; \$12.00 per 100.

HARDY BAMBOOS (*Bambusa*).

All the Hardy Bamboos grow best where the soil is rich, moist and well drained. They do not thrive in stiff, hard clay.

During the summer months it is advisable to mulch small or newly planted specimens until well established with a mixture of leaves, moss and manure. The mulch should not be removed, but rather added, on the advent of cold weather, and with species which have been untried in any locality they should get protection over the crowns in winter, because, while well-established plants might prove perfectly hardy, those which are in the process of becoming established are more likely to succumb to freezing weather. During the growing period the plants should receive an abundance of water.

Bamboos require a sheltered position—that is, a place in which the soft, tender shoots will not be whipped about by the wind.

They stand out most strikingly with a background of almost any of our native trees, with the possible exception of the willow, the leaves of which are too similar in outline to give a striking contrast. Nothing is more effective than a clump of Bamboos on the borders of ponds, lakes, or on the banks of streams, especially where there is rising land beyond.

Aurea. A distinct and beautiful species; grows 15 to 20 feet high, with straight yellowish stems and light green foliage. (See cut.) \$1.00 each.

Auricoma. A dwarf golden variegated variety, which is very ornamental; grows about 3 feet high. \$1.00 each.

Fortunei Variegata. A handsome dwarf evergreen variety, with green and white variegated foliage; grows about 18 inches high, and makes an elegant subject for the rockery. 75 cts. each.

Henonis. A graceful species, with shiny green foilage, of dense growth and much branched yellowish green stems; 10 to 15 feet. \$1.00 each.

Metake. A handsome evergreen species; 6 to 10 feet high; large deep green foliage. \$1.00 each.

Simoni. Height, 15 to 20 feet; leaves 8 to 12 inches long; erect, slender growth, branches in dense clusters. \$1.00 each.

Viminalis. A dwarf sort, 1½ to 2 feet high, stems zigzag, dark green, sheaths purple, leaves 2 to 3 inches long, about an inch wide, ovate in outline. \$1.00 each.

One plant each of the 7 Bamboos, an interesting collection, for \$6.00.



BAMUSA AUREA ON THE MARGIN OF ONE OF OUR LILY PONDS

GUNNERA (*Chilian Rhubarb*).

Scabra. Probably the noblest of all hardy perennial decorative foliage plants, a well-grown plant attaining a height of 5 feet by 15 to 20 feet in diameter; but to produce a satisfactory growth it must receive liberal treatment. Very rich, deep, mellow soil is indispensable. Full exposure to the sun is advisable, but they should be sheltered from severe winds, and must never suffer for the want of water. Ample winter protection should be provided. 75 cts. each.

GYPSOPHILA (*Baby's Breath*).

The Gypsophilas will thrive in any soil in a sunny position, and on account of their gracefully arranged large panicles of minute flowers should be in every garden.

Cerastioides. A fine variety for the rockery, growing but 3 inches high, and producing from June to August small white flowers marked with pink. 25 cts. each; \$2.50 per doz.

Paniculata. A beautiful old-fashioned plant, possessing a grace not found in any other perennial. When in bloom during July and August it forms a symmetrical mass 2 to 3 feet in height, and as much through, of minute pure white flowers, forming a beautiful gauze-like appearance. When cut it is exquisite in combination with other flowers. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Paniculata Flore Plena (*Double-flowering Baby's Breath*). This comparatively recent introduction is being grown by the tens of thousands to supply the leading professional decorators with most valuable material to use in connection with other cut flowers. The pretty little double rosette-like flowers are produced through July and August in large branching panicles 2 to 3 feet high, and are not only valuable for cutting for immediate use, but can be cut and dried, retaining their beauty for months, and in addition to its great value for cutting it is a most desirable plant in any hardy border. 30 cts. each; \$3.00 per doz.; \$20.00 per 100.

Repens. An elegant trailing plant for the rockery, with clouds of small white flowers in July and August. 25 cts. each; \$2.50 per doz.

One each of the 4 varieties for 80 cts.

**SPECIAL CATALOGUE OF
DREER'S OLD-FASHIONED HARDY PLANTS**

With plans of Hardy Borders, and much valuable information.
Copies free on request.



GYPSOPHILA PANICULATA FL. PL.

HELIANTHUS.

(Hardy Sunflowers.)

The perennial Sunflowers are among the most effective hardy plants for large borders for planting among shrubbery, or as clumps on the lawn. They are remarkably free-flowering, will succeed in any soil, and are invaluable for decorative purposes, or as cut flowers during the summer and autumn.

Giganteus. A native variety with medium-sized bright canary-yellow flowers in September and October; 6 feet.

Maximiliani. The latest of all, perfecting its fine golden-yellow flowers in long, graceful sprays during October, when all others have finished flowering; invaluable for cutting; 5 to 7 feet.

Mollis. Large, single lemon-yellow flowers, with downy white foliage; blooms in August and September; 4 feet.

Multiflorus Fl. Pl. (Double Hardy Sunflower). Large, double Dahlia-like golden-yellow flowers in great profusion during July and August; 4 feet. (See cut.)

Multiflorus Maximus. A gigantic single variety, growing from 5 to 6 feet high, producing immense single golden-yellow flowers from 6 to 8 inches across from July to August; one of the finest.

Orgyalis. A tall variety, 6 feet high, with medium-sized single golden-yellow flowers during September.

Rigidus Japonicus. One of the most desirable varieties, beginning to bloom early in July and continuing until fall; flowers golden-yellow, with dark centres; 5 feet.

Wolley Dod. The best of the September-flowering varieties, with deep yellow flowers; entirely distinct; 6 feet.

Price. Any of the above, 20 cts. each; \$2.00 per doz.; \$12.00 per 100. One each of the 8 sorts for \$1.35.

HELIANTHUS
MULTIFLORUS FL. PL.

HELIENIUM RIVERTON BEAUTY

HELENIUM.

(Sneeze Wort.)

All of these are desirable border plants, succeeding in any soil in a sunny location, with broad-spreading heads of flowers, useful for cutting, each species covering a long blooming season.

Autumnale Superbum. Golden-yellow flowers during the late summer and fall months; 5 to 6 feet.

— **Rubrum.** New bright terra cotta red variety; August and September; 4 feet.

Hoopesi. Pure orange-yellow flowers, 2½ inches across, and the earliest to flower; coming in early in June and continuing throughout July; 2 feet.

Pumilum Magnificum. A most useful perennial, about 18 inches high, and smothered with its golden-yellow blossoms all summer.

Riverton Beauty. Rich lemon-yellow, with large purplish-black cone; August and September; 4 feet.

Riverton Gem. Old-gold changing to wallflower-red.

Price. 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 6 sorts, \$1.25.

HELIANTHEMUM.

(Rock, or Sun Rose.)

Exceedingly pretty, low-growing evergreen plants, forming broad clumps, and which during their flowering season, July to September, are quite hidden by a mass of bloom; well adapted for the front of the border, the rockery, or a dry, sunny bank. Choice mixed varieties, 25 cts. each; \$2.50 per doz.



HELIOPSIS SCABRA ZINNIAEFLORA

HELIOPSIS (Orange Sunflower).

Similar in general habit to Helianthus, but commencing to flower earlier in the season; July and August; of dwarfier habit, rarely exceeding 3 feet in height; very valuable for cutting.

Pitcheriana. A desirable variety. The flowers are of a beautiful deep golden-yellow, about two inches in diameter, of very thick texture and a useful cut flower.

Pitcheriana Semi-plena. A semi-double form of the above.

Scabra Zinniaeflora. A new double-flowering form of the Orange Sunflower, growing about 24 inches high, and producing golden-yellow flowers closely resembling a Zinnia in form; desirable for cutting. (See cut.)

Price. Any of the above, 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

HELIOPSIS SCABRA "EXCELSA."

A new variety with very rich crome-yellow flowers, turning to a bright yellow as they mature. These are almost double, having from 4 to 5 rows of petals, and are produced very profusely. The plant is of robust growth, about 3 feet high, and from mid-July to the end of August makes an effective display. 35 cts. each; \$3.50 per doz.

HELLEBORUS (Christmas Rose).

Most valuable hardy plants on account of yielding with utmost freedom in very early spring, a season when flowers are scarce, their beautiful, large—two or three inches across—blossoms. They succeed in any ordinary garden soil in a sheltered semi-shady situation; 12 to 15 inches. 35 cts. each; \$3.50 per doz.

HEPATICA (Liver Leaf).

Triloba. A pretty native spring-flowering plant, with pretty blue flowers. 25 cts. each; \$2.50 per doz.

HEMEROCALLIS (Yellow Day Lily).

Popular hardy plants belonging to the Lily family. They succeed everywhere, and should always be included in the border of old-fashioned hardy plants.

Aurantiaca. Large, trumpet-shaped, pleasing neutral orange color, tube, stamens and reverse of petals bright Indian-yellow, sweet scented, 3 to 4 feet high; June and July. 30 cts. each; \$3.00 per doz.

Aurantiaca Major. One of the finest flowers; color throughout a rich Indian-yellow; 2 to 3 feet; June and July. Requires protection in winter. 30 cts. each; \$3.00 per doz.

Dumortieri. Very dwarf; 18 inches; flowering in June; rich cadmium-yellow; buds and reverse of petals bronze-yellow.

Flava (Yellow Day Lily). The best known variety; very fragrant; deep lemon-yellow flowers in June and July; height, 2½ to 3 feet.

Florham. A strong grower, 3 to 3½ feet high, large-trumpet-shaped flowers; rich golden-yellow, with Indian-yellow markings; June and July. 30 cts. each; \$3.00 per doz.

Fulva (Tawny Day Lily). Grows from 4 to 5 feet high, with trumpet-shaped flowers of a neutral orange color with darker shadings; June and July.

Gold Dust. Of a bright Indian-yellow color; buds and reverse of petals bronzy-gold; 2½ feet high; May and June.

Kwanso Fl. Pl. Large double orange flowers with darker shadings; July and August; 4 to 5 feet.

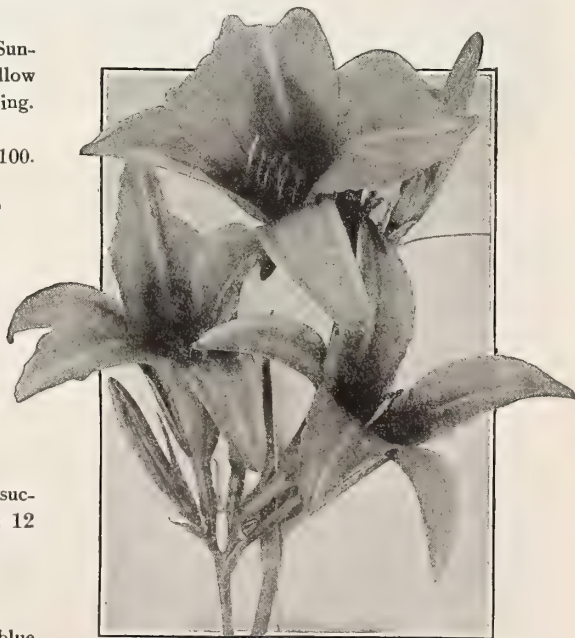
Luteola. Bright golden-yellow with Indian-yellow shadings; June and July. 30 cts. each; \$3.00 per doz.

Thunbergi. The latest to flower; rich buttercup-yellow, funnel-shaped flowers throughout July; 4 feet.

Price: Any of the above, except where noted, 20 cts. each; \$2.00 per doz.; \$12.00 per 100. Set of 10 varieties, \$2.00.

HEMEROCALLIS CITRINIA.

An introduction from China of very strong growth, about 4 feet high, with exceptionally large pale lemon-yellow flowers, which are produced with remarkable freedom. A well-established clump makes an attractive display for six weeks in summer. 50 cts. each.



HEMEROCALLIS (Day Lily)

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.



NEW GIANT-FLOWERING
MARSHMALLOW

HEUCHERA (Alum Root, or Coral Bells).

Most desirable dwarf, compact, bushy plants of robust constitution and easy culture, growing $1\frac{1}{2}$ to 2 feet high, and bearing during July and August loose, graceful spikes of flowers in the greatest profusion; excellent subjects either for the border or rockery, and of great value for cutting.

Gracillima, Perry's Variety. A greatly improved form of this type with flowers of a more brilliant crimson color, arranged in loosely-branching, airy panicles. 50 cts. each; \$5.00 per doz.

Pluie de Fue. Bright raspberry-red; very free.

Sanguinea. Bright coral-red.

— **Alba.** Creamy-white.

Virginal. Creamy-white.

Price, except where noted, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 5 sorts for \$1.25.

New Giant-flowering Marshmallows (Hibiscus).

A wonderfully improved form of our greatly admired native Marshmallow or Rosemallow, in which not only the colors have been greatly intensified, but in which flowers of enormous size, frequently 10 to 12 inches in diameter, have been developed. These plants can be highly recommended for all kinds of plantings. They appear to be equally at home in all positions, having the same vigor in dry and wet ground and are perfectly hardy. They grow from 5 to 8 feet high, and are very floriferous, blooming from early in July until late in September. We offer three distinct colors—Red, Pink and White—in strong two-year-old roots, 35 cts. each; \$3.50 per doz.; \$25.00 per 100. One each of the three colors for \$1.00.

HIBISCUS (Mallow).

A desirable border plant, succeeding in any sunny position, but doing best in a damp place; grows 3 to 5 feet high, with large foliage and large, showy flowers of delicate coloring, produced during the entire summer.

Mallow Marvels. A robust type of upright habit, producing an abundance of flowers of enormous size in all the richest shades of crimson, pink and white; mixed colors. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Moscheutos (Swamp Rose Mallow). Flowers 6 inches in diameter; of a light rosy-red color, with darker eye. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

— **"Crimson Eye."** Flowers of immense size, of the purest white, with a large spot of deep velvety crimson in the centre. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

HIERACIUM (Hawk-weed).

Aurantiacum. A low-growing, rapid-spreading plant, adapted for dry, sandy spots, or for covering steep slopes. The bright, orange-red flowers are borne in flat heads.

— **Rubrum.** A bright colored form of the above.
20 cts. each; \$2.00 per doz.

Houstonia (Bluets, Quaker Lady or Innocence).

Serpillyfolia. A low creeper, best adapted to grow on a rockery in moist situation, where it forms broad carpets of foliage, which in very early spring is hidden beneath a cloud of small but showy light-blue flowers. One of the earliest spring flowers. 25 cts. each; \$2.50 per doz.

HYPERICUM (St. John's-wort).

Adpressum. A native variety, growing in dense masses, which makes it useful as a ground cover, particularly in damp places; 6 to 8 inches. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Moserianum. A most desirable border plant, of free and graceful habit, producing long, slender, much-branched stems, leafy to the base and all drooping towards the ends, apparently from the weight of the flowers and buds, although the flowers face, so that none of their beauty is lost. It is marvellously free-flowering, of large size, measuring from 2 to $2\frac{1}{2}$ inches in diameter; in color a rich golden-yellow, which is rendered still more effective by the numerous yellow stamens and crimson anthers, and blooms continuously the entire season; 2 feet. (See illustration on page 221.) Strong plants, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



HEUCHERA (Coral Bells)

DREER'S SUPERB HOLLYHOCKS.

Stately, majestic, hardy plants, from 6 to 8 feet high, which are a necessary part of every old-fashioned garden, and should also find a place interspersed with shrubbery, as clumps on the lawn or in the mixed border, where their colossal spikes of bloom produce bold and showy effects, which cannot be secured with any other flowering plant.

The Hollyhock requires a deeply dug, well-drained soil, enriched with thoroughly decayed manure, and should be liberally supplied with water during dry weather. A slight protection throughout the winter will be beneficial. An occasional spraying with Bordeaux mixture, which should be applied early in the growing season, usually prevents the disease, which is prevalent in some localities. We offer the best Double, Fringed and Single sorts as under:

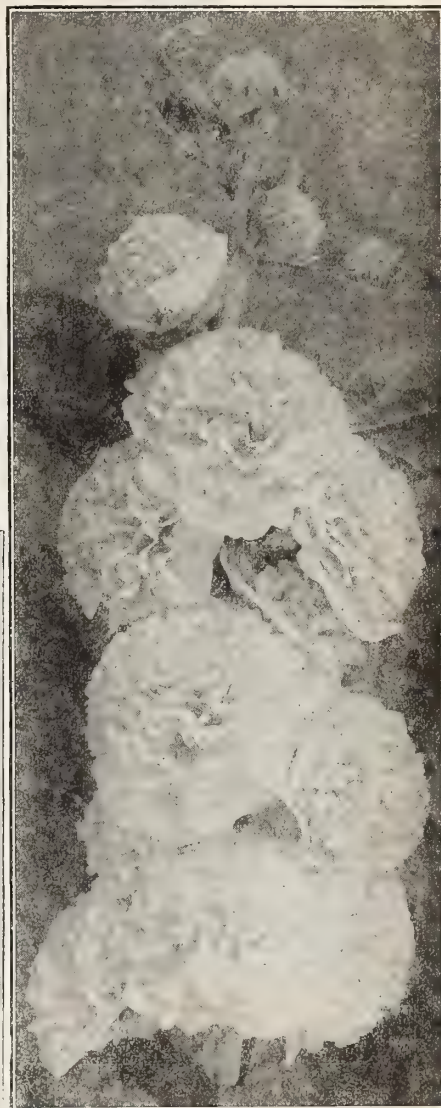
Double White. **Double Yellow.** **Double Maroon.**
Double Rose. **Double Red.** **Double Mixed.**

20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Newport Pink. A charming variety, for which we were awarded a certificate of merit by the Royal Horticultural Society of London. It is of strong, vigorous habit, producing colossal spikes of very double pure pink flowers, a shade that is eagerly sought for in all classes of plants. 25 cts. each; \$2.50 per doz.

Allegheny. Mammoth flowers, wonderfully formed of loosely arranged fringed petals. The colors vary from the palest shrimp-pink to deep red. Mixed colors. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Single. Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. We can supply in mixed colors only. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.



INCARVILLEA DELAVAYI

DOUBLE HOLLYHOCK

IBERIS (Hardy Candytuft).

Most desirable dwarf plants (8 to 10 inches) with evergreen foliage, which is completely hidden with dense heads of flowers early in the spring.

Little Gem. Very dwarf and covered with a sheet of white, a particularly fine rock plant.

Sempervirens. Innumerable flat heads of pure white flowers.

Snowflake. A grand variety, having exceptionally large and pure white flowers, and borne in great masses during May and June.

20 cts. each; \$2.00 per doz.; \$12.00 per 100.

INCARVILLEA (Hardy Gloxinia).

Delavayi. One of the choicest perennial plants. It produces large gloxinia-like rose-colored flowers during May, which last in perfection a long time; these are produced in clusters on stems 18 inches high; succeeds in sun or shade, but should be protected with a covering of leaves during the winter. 20 cts. each; \$2.00 per doz.

INULA (Flea Bane).

Effective free-flowering plants for the hardy border, blooming from June to August.

Ensifolia. Very free-flowering, yellow; 18 inches.

Glandulosa Grandiflora. Very large orange-yellow flowers; 2½ feet.

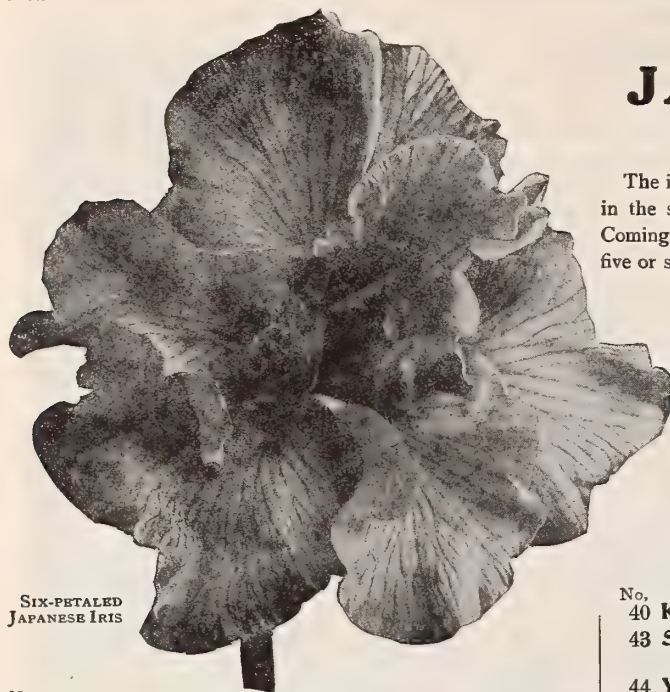
Montana. Very free-flowering; yellow flowers; 1½ feet.

Oculus-Christi. Large golden flowers, with dark centres; 2 feet.

Royleana. Large golden-yellow flowers; 1½ to 2 feet.

25 cts. each; \$2.50 per doz. Set of 5 varieties, \$1.00.

HYPERICUM MOSERIANUM
 (Offered on page 220)

SIX-PETALED
JAPANESE IRIS

No.

- 4 **Yomo-no-umi.** A fine free-flowering early creamy-white, 6 petals.
 9 **Oniga-shima.** Bright violet-purple, 6 petals.
 10 **Shiga-no-ura-nami.** Violet-purple, veined with white, 6 petals.
 11 **Hano-no-nishiki.** Bright violet, white veinings.
 14 **Shishi-ikari.** White ground, densely veined and mottled with dark violet-purple.
 15 **Gekka-no-nami.** Very early pure white.
 16 **Kummoma-no-sora.** Silvery-white, suffused with soft light blue.
 20 **Kumo-funjin.** White, with a broad border of magenta-lilac, 6 petals.
 26 **Uchiu.** Crimson-purple, with few white veins, 6 petals.
 31 **Rinho.** Rich, lively purple, with white veinings, 6 petals.
 39 **Fuki-yose.** Light ground color, marbled with aniline-blue, 6 petals.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Sets of 25 sorts for \$5.00.

IMPERIAL JAPANESE IRIS IN MIXTURE.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

NEW GERMAN IRIS.

A splendid collection of the latest introductions, embracing not only new colors, but improved forms.

King of Iris. A striking novelty, with flowers of perfect form, the standards clear lemon color, falls deep satiny-brown, with a broad border of golden-yellow.

Lohengrin. Foliage and flowers of gigantic size, with petals 2 inches wide, of a deep violet-mauve.

Loreley. Perfect shaped flowers, falls of a deep ultramarine-blue, more or less veined with creamy-white and bordered sulphur-yellow; the standards are a pale sulphur-yellow, making a beautiful contrast.

Mithras. Flowers of good size, standards pale yellow, falls violet, shaded with claret and yellow border.

Nibelungen. Standards fawn-yellow, falls violet-blue, with fawn margin; distinct and pretty.

Princess Victoria Louise. Standards pure sulphur-yellow, falls rich plum color, with cream-colored edges.

Rhein Nixe. Standards pure white, falls deep violet-blue, with white margin; attains a height of 3 feet.

Price, 50 cts. each. Set of 7 sorts for \$3.00.

DREER'S IMPERIAL JAPANESE IRIS

(*Iris Kämpferi.*)

The improved forms of this beautiful flower have placed them in the same rank popularly as the Hardy Phloxes and Pæonies. Coming into flower about the middle of June and continuing for five or six weeks, they fill in a period when flowers of this attractive type are particularly welcome.

They succeed in almost any soil and position, but respond quickly to liberal treatment. They like rich soil and plenty of water when they are forming their buds and developing their flowers.

We offer one of the choicest collections, each one distinct and desirable. Valuable as cut flowers, for which purpose they should be cut in the bud state, permitting the blooms to expand after being placed in water.

Order by name or number.

No.

- 40 **Kanarinishiki.** Greyish-white, marbled violet, 6 petals.
 43 **Shi-un-ryo.** Greyish-white, deeply and densely veined and suffused with violet.
 44 **Yoshimo.** Creamy-white, delicately veined with violet, 6 petals.
 55 **Shuchiukwa.** Crimson-purple, with large white veins and centre.
 60 **Kagaribi.** Silvery-white, traced and marbled ultramarine-blue, 6 petals.
 62 **Misutmoshito.** Violet-purple, marbled with white.
 67 **Kigan-no-misao.** Very late flowering; pure white.
 71 **Gei-sho-i.** Crimson-purple, with numerous white veins.
 72 **Uji-no-hotaru.** Bright violet-purple, shaded with blue, 6 petals.
 77 **Yayaura.** White, marbled with light violet.
 82 **Ari-Ake.** Bright violet-purple, sometimes marbled with white.
 96 **Tebotan.** White ground with violet-blue veinings.
 100 **Yomo-zakuru.** Light ground color, densely veined and suffused reddish-purple.
 107 **Tokyo.** The finest pure white, 6 petals.



GROUP OF GERMAN IRIS NATURALIZED ON EDGE OF BROOK

New Golden=Yellow German Iris

"SHERWIN-WRIGHT"

In this grand novelty we have what has long been wanted, a good vigorous growing, free-flow-
ering, golden yellow German Iris.

The few yellow sorts now in commerce being deficient in these important characteristics.

This novelty was discovered in a plantation of the variety *Honorabilis*, and whether it is a chance seedling or a sport of that vigorous growing, free-flowering sort has not been established.

The plants grow about two feet high; the flowers which are produced in lavish profusion are of splendid texture and stand well above the foliage, and are of a rich golden yellow without markings or shadings.

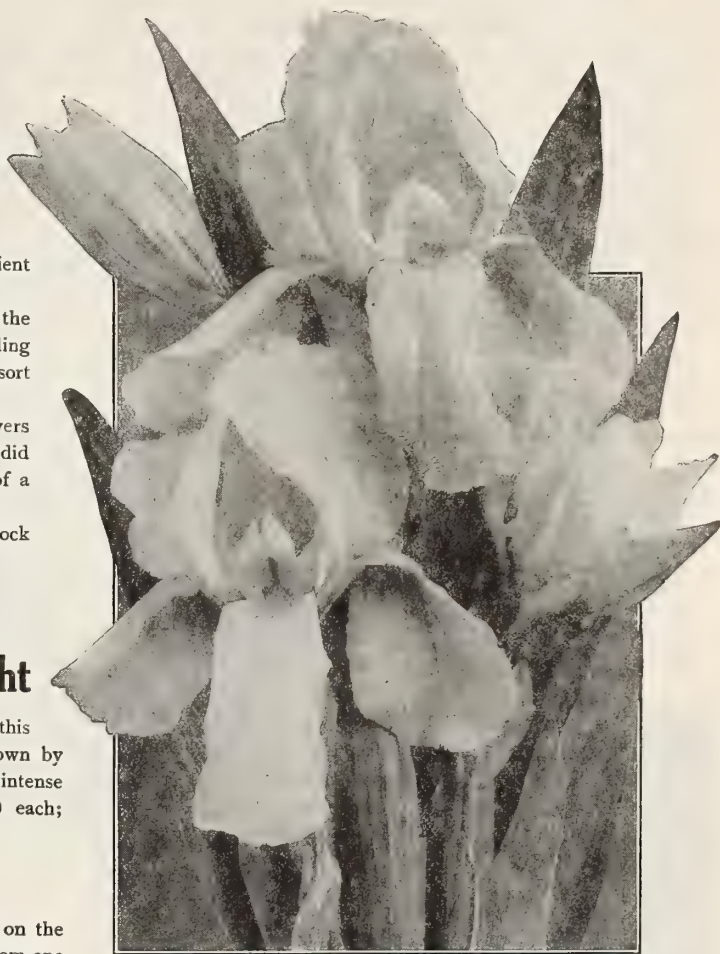
We are fortunate in having secured the entire stock which is limited. \$1.00 each; \$10.00 per doz.

RARE GERMAN IRIS Black Prince or Black Knight

We offer a limited stock of the true type of this rare but not new, beautiful Iris, which is known by both of the above names. Standards are of an intense deep violet-blue, the falls velvety purple. \$1.00 each; \$10.00 per doz.

NEW GERMAN IRIS.

In addition to the above two fine sorts we offer on the page opposite a select list of new sorts imported from one of the leading European specialists.



NEW GOLDEN YELLOW GERMAN IRIS SHERWIN-WRIGHT

GENERAL COLLECTION OF

DREER'S RAINBOW GERMAN IRIS (Iris Germanica).

The German Iris are among the most desirable and easiest grown of our spring-flowering hardy plants, producing in May their showy flowers of exquisite coloring, combining the richest and most delicate tints. For best results plant in a well-drained, sunny position, barely covering the roots. Avoid fresh manure in preparing your border.

- Celeste.** Standards and falls a delicate azure-blue.
- Cherion.** Standard lilac-mauve; falls of violet-mauve.
- Edith.** Standards bright plumbago-blue; falls purple.
- Florentina Alba.** Very free-flowering white.
- Gazelle.** White frilled rich mauve.
- Honorabilis.** Standards golden-yellow; falls rich mahogany-brown.
- Johan De Witt.** Standards bluish-violet; falls deep violet-purple; veined with white.
- La Tendresse.** Ageratum-blue throughout.
- Lord Salisbury.** Standards amber-white; falls dark violet-purple.
- Maid Marion.** Standards lavender; falls lavender reticulated purple.
- Mme. Chereau.** Standards and falls pure white; daintily edged with light blue.
- Mrs. H. Darwin.** Standards white, falls reticulated violet.

- Pallida Dalmatica.** One of the finest of the Germanica type, of strong, vigorous habit, growing in good soil 4 feet high, with exceptionally large, fragrant flowers; standards lavender, falls lavender shaded blue; exquisite in every way and fine for massing. 25 cts. each; \$2.50 per doz.; \$20.00 per 100.
- Pallida Speciosa.** Standards dark lavender, falls light purple; very free-flowering. 25 cts. each; \$2.50 per doz.
- Plicata.** Standards and falls bright violet-purple.
- Plumeri.** Standards rose-mauve, with metallic sheen; falls vinous-mauve.
- Queen of May.** Lovely soft rose-lilac. 25 cts. each; \$2.50 per doz.
- Shakespeare.** Standards straw-yellow, veined with burnt umber; falls deep carmine-violet.
- Tinnæ.** Deep ageratum-blue.
- Walneri.** Standards lavender, falls purple-lilac.

Price. Any of the above, except where noted, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 20 varieties for \$2.50.

GERMAN IRIS MIXED VARIETIES.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

VARIOUS IRIS.

We offer below some of the very finest species and varieties.

Cristata. A dainty native species 3 inches high, rich amethyst-blue; May. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

Fœtidissima (Gladwin). While the flowers are inconspicuous it is valuable for its showy pods of rows of orange-red berries, which remain in perfect condition for a long time. 20 cts. each; \$2.00 per doz.

Gracilipes. A variety from Japan, growing about 8 inches high, which when established produces in May masses of delicate lilac-shaded flowers which are much admired. 25 cts. each; \$2.50 per doz.

Kämpferi folia variegata. Valuable for its pretty foliage effect, the broad dark green leaves being boldly striped with white. 50 cts. each.

Ochroleuca Gigantea. A noble species growing 4 feet high, with large pale yellow flowers. 35 cts. each; \$3.50 per doz.

Pallida foliis variegatis. Conspicuous on account of its beautifully variegated foliage, which is of a glaucous green, with broad bands of creamy yellow, every leaf being well marked. It is of free growth, and when well established attains a height of 2 feet, and is very attractive. Flowers of a soft, pale lavender. 50 cts. each; \$5.00 per doz.

Pseudacorus. The common yellow Water Flag, suitable for marshes and water courses; May and June; 4 feet. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Sibirica. Purplish-blue flowers, 3 feet high; useful for cutting. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

— **Alba.** White veined pale lilac. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

— **Orientalis.** Rich violet-blue, very free and one of the best; June; 3½ feet. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

— **Snow Queen.** This new variety possesses all the merits of the type, differing only in color, which is an ivory-white. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



IRIS PALLIDA FOLIIS VARIEGATIS

IRIS INTERREGNA.

An interesting type, the result of crossing *I. germanica* with *I. pumila hybrida*, and for which there promises to be a great future. They bloom earlier than the German Iris, and the flowers combine perfection of form with large size and clear and decided colors. The foliage is dwarf and maintains its freshness throughout the season. The flower stems are about 18 inches high, holding the flowers well above the foliage.

Fritjof. Standards light lavender-blue, falls satiny violet-blue.

Helge. Light citron with pearl-colored centre. A beautiful soft shade.

Ivorene. A fine large flowered creamy-white.

25 cts. each; \$2.50 per doz. Set of 3 varieties for 65 cts.

IRIS PUMILA HYBRIDA.

A cross between *I. pumila* and *I. germanica*. Very showy. Early flowering. 10 to 12 inches high.

Cyanea. Rich royal purple with blackish shadings.

Excelsa. A splendid pale lemon-yellow.

Schneekuppe. A large, showy, pure white.

20 cts. each; \$2.00 per doz. One of each for 50 cts.

LAVANDULA (Lavender).

Vera. This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant blue flowers in July and August. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

LIATRIS (Blazing Star, or Gay Feather).

Showy and attractive native plants, succeeding anywhere, producing large spikes of flowers in July and August.

Pycnostachya. Spikes of light rosy-purple flowers; 5 feet.

Scariosa. Deep purple flowers in spikes 3 to 4 feet high.

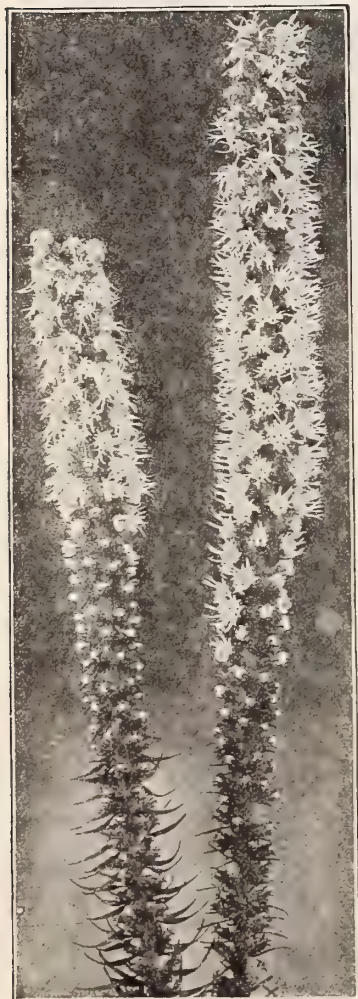
20 cts. each; \$2.00 per doz.; \$12.00 per 100.

LINDELOFIA.

Longifolia. Grows about 2 feet high and produces blue Forget-Me-Not-like flowers during May. 25 cts. each; \$2.50 per doz.

LINUM (Flax).

Perenne. A desirable plant for the border or rockery, growing 2 feet high, with light, graceful foliage and large blue flowers all summer. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.



LIATRIS

LITHOSPERMUM (Gromwell).

Prostratum. An elegant creeping plant for the rockery, bearing lovely small blue flowers from April to September. 35 cts. each; \$3.50 per doz.

— **Heavenly Blue.** A new and beautiful turquoise-blue variety. 50 cts. each.

LOBELIAS.

Handsome border plants, thriving in any ordinary garden soil, but preferring a moist, deep loam, where they will not suffer from drought. Few plants are more effective at their season of bloom, which extends from early in August till late in September.

Cardinalis (*Cardinal Flower*). Rich, fiery cardinal flowers; strong plants, often producing 10 to 18 spikes, 24 to 30 inches long.

Syphilitica Hybrida (*Great Lobelia*). A choice selection of our native Lobelia, producing large spikes of flowers varying from blue to pure white; July to September; 2 to 3 feet. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

LUPINUS POLYPHYLLUS (Lupine).

Effective plants, producing large spikes of flowers. Mrs. Ely says of them: "May be planted either in the autumn or early spring. These plants bloom from about the 20th of May for three weeks, and grow about 3 feet high. Being perfectly hardy and free from attacks of insects, they are especially valuable. They require only well-prepared garden soil and to be kept watered in dry weather, which should always be done, if possible, late in the afternoon."

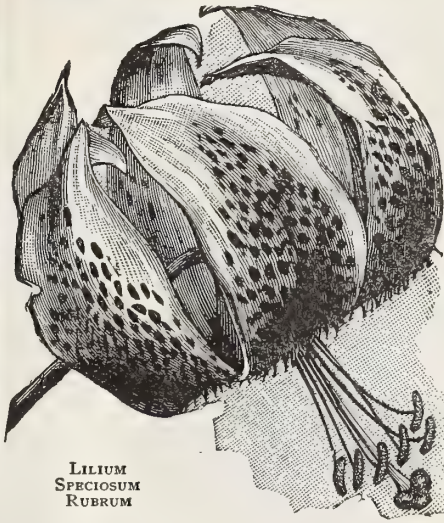
Polyphyllus. Clear blue. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

— **Albus.** A white variety of above. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

— **Moerheimi.** A comparatively new variety and a plant that, on account of its clean bold growth, always attracts attention. The spikes of flowers are frequently over a foot long, in color superb, being a combination of light and dark shades of pink without a trace of magenta. 35 cts. each; \$3.50 per doz.; \$25.00 per 100.



LOBELIA CARDINALIS

LILIUM
SPECIOSUM
RUBRUM**LILIUM** (Lily).

All herbaceous borders should have a few Lilies scattered through them. The sorts offered below can be planted with excellent results during the early spring months. It is in the hardy border that Lilies do best, as they get the benefit of the shade of the surrounding plants, which is so necessary for their welfare; other varieties should be planted in the autumn, and are offered in our autumn catalogue.

Auratum (*Gold-banded Lily*). Large graceful flowers, composed of six petals of a delicate ivory-white, thickly studded with chocolate-crimson spots and striped through the centre a golden-yellow. Large bulbs, 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

Speciosum Album. Large white flowers of great substance, with a greenish band running through the centre of each petal. Large bulbs, 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

Speciosum Rubrum, or Roseum. White, heavily spotted with rich, rosy-crimson spots. Large bulbs, 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Speciosum Magnificum. Rich, deep red. Large bulbs, 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Superbum (*American Turk's Cap Lily*). A beautiful native variety, bright reddish-orange, spotted; 3 to 6 feet; August. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Tigrinum Splendens (*Tiger Lily*). Very large flowers; orange, spotted black. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



LUPINUS POLYPHYLLUS

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.



LYSIMACHIA CLETHROIDES

THREE JAPANESE LYCHNIS.

These attract much attention in our trial grounds during spring and early summer by their large, showy flowers, which are fully 1½ inches in diameter and produced very freely on plants 8 to 12 inches high.

Grandiflora. Large fringed apricot colored flowers.

Grandiflora Alba. Pure white.

Senno. Brilliant crimson.

50 cts. each. One each of the three sorts for \$1.25.

LYCHNIS (Campion).

All of the *Lychnis* are of the easiest culture, thriving in any soil, and this, in addition to their brightness, has brought them into high favor with lovers of hardy plants. Perhaps no class of plants has more common or popular names, of which the following is but a partial list: *Campion*, *Jerusalem Cross*, *Lamp Flower*, *Maltese Cross*, *Ragged Robin*, etc.

Chalcedonica. A most desirable plant, heads of brilliant orange-scarlet in June and July; grows 2 to 3 feet high. (See cut.)

Chalcedonica Fl. Pl. A double-flowering form, producing immense heads of vermillion-scarlet flowers, far exceeding in brilliancy the brightest *Geraniums*; 2 to 3 feet high, flowering in June and July. A gem for cutting, and one of the showiest border plants. 25 cts. each; \$2.50 per doz.

Flos Cuculi. Small, light pink flowers produced profusely from May to August. 12 to 18 inches.

Haageana. Brilliant orange-scarlet flowers in May and June; 12 inches.

Vespertina, Double White. Large double-white flowers, produced in the greatest profusion the entire summer; 18 inches high. 25 cts. each; \$2.50 per doz.

Viscaria, Double Red. Forms a dense tuft of evergreen foliage, and in June sends up spikes of handsome, double, deep red, fragrant flowers; 1 foot.

Price, except where noted, 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

Set of 6 varieties for \$1.00.

LYSIMACHIA.

Ciliata (*Fringed Loose Strife*). Yellow flowers in July. 2 ft.

Clethroides (*Loose-strife*). A fine hardy variety about 2 feet high, with long, dense, recurved spikes of pure white flowers from July to September.

Fortunei. A neat variety, growing about 18 inches high, with dense, upright spikes of white flowers in August.

Nummularia (*Creeping Jenny, or Moneywort*). Valuable for planting under trees or shrubs where grass will not grow, where it quickly forms a dense carpet.

Punctata. Yellow flowers during July and August. 2 to 3 ft.

Price, 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

LYTHRUM.

Alatum. An uncommon species, grows about 2 feet high, with crimson-purple flowers from June to September.

Roseum Superbum (*Rose Loose-strife*). A strong-growing plant, 3 to 4 feet high, thriving in almost any position, producing large spikes of rose-colored flowers from July to September.

Roseum, Perry's Variety. A splendid improvement, with much larger flowers and longer spikes than the type, and of a glistening cherry-red color. 35 cts. each; \$3.50 per doz.

Virgatum. Soft rosy-purple flowers.

Price, except where noted, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

One each of the 4 sorts for \$1.00.

MARSHALLIA.

Trinervis. A useful plant for a shady, damp spot, of neat habit, about 15 inches high, bearing freely from June to August heads of white flowers, tinted flesh. 25 cts. each; \$2.50 per doz.

MERTENSIA (Blue Bells).

Virginica. An early spring-flowering plant, growing about 1 to 1½ feet high, with drooping panicles of handsome light blue flowers, fading to clear pink; one of the most interesting of our native spring flowers; May and June. 20 cts. each; \$2.00 per doz.



LYCHNIS CHALCEDONICA



LYTHRUM ROSEUM SUPERBUM

MONARDA (Bergamot).

Showy plants growing from 2 to 3 feet high, succeeding in any soil or position, with aromatic foliage, and producing their bright flowers during July and August.

Didyma Cambridge Scarlet (*Oswego Tea*). Brilliant crimson-scarlet.

— **Rosea** (*Bee Balm*). A pretty rose-colored form.

— **Salmonea**. Salmon-rose color, very distinct.

— **Violacea**. Bright amaranth-red.

Fistulosa Alba (*Wild Bergamot*). A white-flowered variety.

20 cts. each; \$2.00 per doz.; \$12.00 per 100. The set of 5 varieties, 85 cts.

MONTBRETIAS.

The Montbretias are one of the brightest of our summer-flowering bulbs, and deserve to be planted extensively. The bulbs should be set out during April or May, 3 to 6 inches apart in clumps of a dozen or more. They should be protected during the winter with a heavy covering of leaves or litter.

Aurantiaca. A fine deep orange.

Crocsmiaeflora. Deep golden-orange; fine.

Etoile de Feu (*Star of Fire*). Bright vermilion; yellow centre.

Germania. Rich, glowing orange-scarlet, with blood-red throat.

Rayon d'Or. Yellow and brown.

Rheingold. A new robust growing variety with flowers of a rich golden yellow, shading lighter towards the centre which is marked with crimson-brown blotches. These are fully 1½ inches in diameter of unusual heavy texture, and borne on stout, erect stems making them a desirable cut flower. 25 cts. each; \$2.50 per doz.

Speciosa. A splendid golden yellow.

Price, except where noted, 5 cts. each; 50 cts. per doz.; \$3.00 per 100.

MYOSOTIS (Forget-Me-Not).

Palustris Semperflorens. A variety that is hardly ever out of flower; useful in a shady spot in the border. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Alpestris robusta grandiflora. The large spring-flowering Forget-Me-Not, with intense sky-blue flowers, bright and attractive. 10 cts. each; \$1.00 per doz.; \$7.00 per 100.



MONARDA DIDYMA



MONBETIA

Ænothera (Evening Primrose).

The Evening Primroses are elegant subjects for growing in an exposed, sunny position, either in the border or on the rockery, blooming the greater part of the summer.

Cæspitosa. Large, pure white, changing to rose; 1 foot.

Missouriensis. Large golden yellow; 1

foot.

Pilgrimi. Large clusters of bright yellow flowers.

Speciosa. Pure white flowers 3 inches across; 18 inches.

20 cts. each; \$2.00 per doz.; \$12.00 per 100. Set of 4 varieties for 75 cts.

OROBUS (Bitter Vetch).

Lathyroides. Little known spring-flowering plants, well worthy of extended cultivation and succeeding in any soil or position. Excellent for the border or rockery, forming erect, shapely plants a foot high, covered during May and June with spikes of bright blue pea-shaped flowers.

Vernus. Flowers purple, veined with red. 35 cts. each; \$3.50 per doz.

OXYTROPIS.

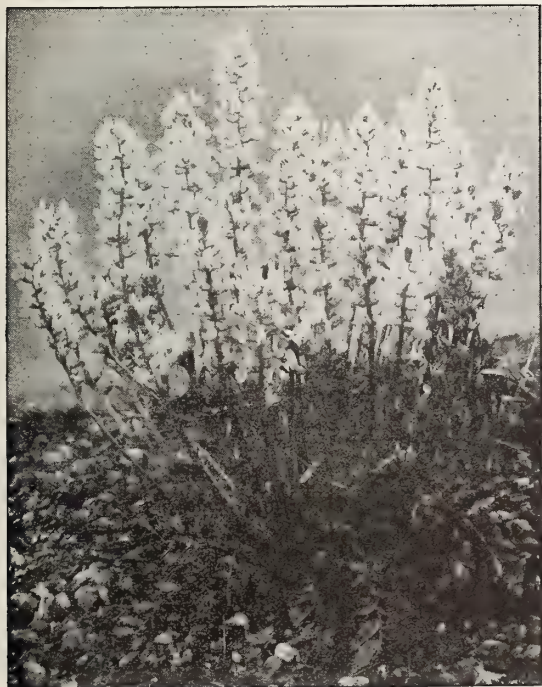
Hybrida Grandiflora. An introduction of a famous English specialist of which he says. "One of the best hardy plants I have introduced in many years, forming neat tufts of silvery foliage from which issue many well-furnished spikes of pure white pea-shaped blossoms. It is quite hardy and revels in a hot, dry position." 50 cts. each.

PACHYSANDRA.

Terminalis. A trailing plant, 6 to 8 inches high, forming broad mats of bright, glossy green foliage and small spikes of flowers during May and June; invaluable as a cover plant either in sun or shade. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

PARDANTHUS (Blackberry Lily).

Sinensis. Lily-like flowers of bright orange during July and August on 2½ feet high stems, followed in September with seeds which resemble blackberries; will grow and do well in any soil in a sunny location. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.



OXYTROPIS HYBRIDA GRANDIFLORA

DREER'S FRAGRANT PÆONIES



DOUBLE HERBACEOUS PÆONY

The old-fashioned *Pæony officinalis* in our grandmother's garden, while still popular because of their early flowering, have been eclipsed by the wonderfully improved sorts introduced in recent years. They are the "Queen of Spring Flowers," and are well adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubbery border, where their brilliant hues add attraction to all around. Their requirements are so simple—a good, rich deep soil, and an open, sunny position; which, however, is not absolutely necessary, as they thrive almost equally as well in a partly shaded position, and a liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers, which rival the finest Roses in coloring and fragrance, and produce during their flowering season a gorgeous effect not equalled by any other flower. They are perfectly hardy, requiring no protection whatever, even in the most severe climate, and once planted increase in beauty each year.

An important point to observe in the planting of Herbaceous *Pæonies* is not to plant too deep. The roots should be placed so that the crowns are covered with 2 inches of soil. Too deep planting is a frequent cause of shy flowering.

EIGHTEEN FINEST HERBACEOUS PÆONIES

Asa Gray. Bright lilac, sprinkled with minute dots of deeper lilac in such a manner as to appear dusted on; very large.

Berloiz. Large compact flower, light carmine-rose tipped silver.

L'Indispensable. Immense flowers of a delicate lilac-pink with darker shading towards the centre.

Marie Lemoine. (Lemoine's). Extra large late free-flowering, ivory white.

Mme. Crousse. Purest white; very large.

Mme. Calot. Large pale hydrangea-pink with darker shadings in the centre; a very early variety.

Mme. de Verneville. Broad sulphur white guard petal and compact white centre, touched carmine.

Mme. Emile Lemoine. Glossy white, overlaid with a sheen of tender satiny pink, and covered with minute lilac dots, changing to pure white when fully developed. 75 cts. each.

Mme. Forel. An extra fine silvery-pink, shading darker to the centre; a beautiful shaped flower.

Mons. Jules Elie. Probably the largest flowered; color pale lilac-rose with silvery reflex. \$1.00 each; \$10.00 per dozen.

Couronne d'Or. Immense ball-shaped blooms, snow white with golden yellow stamens and delicate carmine markings on the central petals.

Edulis Superba. Deep rose-pink with lighter shadings. The earliest variety in our collection. 35 cts. each; \$3.50 per doz.

Felix Crousse. The ideal self-colored bright red *Pæony*.

Francois Ortegat. Brilliant crimson; one of the richest dark red varieties.

Festiva Maxima. This truly superb variety is considered the finest white in cultivation.

Floral Treasure. Very large pale lilac rose; an extra choice showy variety.

Golden Harvest. Of medium size, peach-blossom pink, with creamy white centre.

La Tulipe. Very large pale lilac, almost white; a very pleasing tint.

Price, except where noted, 50 cts. each; \$5.00 per doz. One each of the set of 18 varieties for \$7.50.

STANDARD VARIETIES, DOUBLE HERBACEOUS PÆONIES

Andre Lauries. Deep Tyrian-rose.

Armandin Mechin. Semi-double, deep metallic red.

Anemonaeflora Rubra. Dark rich crimson.

Baroness Rothschild. Pale lilac-rose.

Canary. Pure white guard petals with amber white centre.

Charlemagne. Lilac white with slight buff centre.

Comte de Diesbach. Large showy light carmine rose.

Delachei. Deep crimson-purple.

Duke of Wellington. An ideal cut-flower variety; color sulphur-white, quite fragrant.

Duchess de Nemours. Sulphur-white changing to pure white. Particularly beautiful in the half open bud state.

Duc de Cazes. Bright pink shaded violet, lighter centre and silvery reflex.

Grandiflora Rosea. Bright pink, shaded salmon.

Grandiflora Carnea. Large, loose lilac white, very early.

Price, 25 cts. each; \$2.50 per doz.; \$18.00 per 100. Set of one each of the 24 varieties, \$5.00.

Double Herbaceous *Pæonies* in Mixture, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Louis van Houtte. Rich dark crimson, developing a slight silvery tip as the flowers age.

L'Eclatante. Very large, showy, brilliant red flowers.

Lady Bramwell. A beautiful silver rose of fine form.

Meissonier. Guard petals brilliant purple-red, centre deep crimson.

Mons. Chas. Leveque. Large hydrangea-pink with lilac white guard petals.

Ne-Plus Ultra. Violet rose guard petals, centre mauve-rose with lighter edges.

Paganini. Light solferino-red with lighter centre.

Queen Victoria. A good early white.

Reine des Fleurs. Violet rose with lighter markings.

Victoire Tricolor. Bright lively violet-rose with salmon centre.

Zoe Calot. White suffused with delicate rose.

DOUBLE TREE PÆONIES.

The Tree Pæonies (*P. Moutan* or *Arborea*) differ from the herbaceous varieties in their growth, which is in the form of a dwarf shrub; they are equally free-flowering, and commence blooming about three weeks earlier than the double herbaceous sorts, and while also perfectly hardy they are benefited by slight protection through the winter.

The varieties offered are a selection of the best Japanese varieties.

Order either by name or number.

- No.
 4 **Hakubanriu.** Fine white.
 18 **Nihonbeni.** Dark rose.
 19 **Tamanidori.** Crimson.
 27 **Yachiyojishi.** Pink.
 31 **Hakugan.** Pure white.
 49 **Shuchukwa.** Splendid pink.
 84 **Kasumino-mori.** Bright pink.
 111 **Kabagasane.** Semi-double salmon-rose.
 118 **Koikagura.** Rosy-red.
 164 **Shinkagra.** Crimson.
 165 **Fujinomine.** Blush pink.
 168 **Kagurajishi.** Rosy carmine.
 Strong plants, \$1.00 each; \$10.00 per set of 12 sorts.

JAPANESE SINGLE PÆONIES.

No other plant flowering at the same season can vie with the Single Pæony for beauty, and a well-established bed, when in full bloom with the large silky flowers and appearing like immense Single Roses, is simply gorgeous.

We offer three distinct colors as follows:

Dragon. Brilliant deep crimson, probably the showiest.

Dogrose. A fine shell pink.

The Bride. Beautiful pure white.

Price, 75 cts. each. One each of the 3 sorts for \$2.00.

Singles in mixture, 25 cts. each; \$2.50 per doz.

PÆONIA OFFICINALIS.

This type is the old-fashioned "Pæony," and comes into bloom from ten days to two weeks ahead of the sorts on opposite page. All are strong growers, with large, full, double, fragrant flowers.

Mutabilis Rosea. Bright rose-pink.

Rubra. Brilliant, glowing, deep crimson.

30 cts. each; \$3.00 per doz.; \$20.00 per 100.

Pæonia Tenuifolia Flore Pleno.

(Double Fern-leaved Pæony.)

Interesting and handsome, not only on account of their rich crimson double flowers, which resemble in color the Gen. Jacqueminot Rose, but the fine, feathery foliage makes a handsome ornamental plant. 30 cts. each; \$3.00 per doz.



SINGLE JAPANESE PÆONY



NEW ORIENTAL POPPY, KING GEORGE

PAPAVER NUDICAULE (Iceland Poppy).

The plant is of neat habit, forming a tuft of bright green fern-like foliage, from which spring, throughout the entire season, a profusion of slender leafless stems 1 foot high, each graced with charming cup-shaped flowers. We offer them in three colors, viz., white, yellow and orange-scarlet, or in mixture. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

NEW ORIENTAL POPPIES.

King George. An entirely new form and now offered for the first time. The remarkable feature about this variety is that its petals are deeply cleft or fringed, not unlike those of the Parrot Tulip; in color it is a brilliant scarlet, with a black blotch at the base of each petal. (See cut.) \$1.00 each.

Perry's White. Unquestionably the most important addition to the list of hardy perennial plants made in a number of years, we offered it for the first time two years ago, and those who planted and flowered it were much pleased. It is the most distinct break in Oriental Poppies that has yet been made, the flowers being of a pure satiny white with a crimson-maroon blotch at the base of each petal.

Perry's Pigmy. Another distinct development which is undoubtedly the forerunner of a new race of Oriental Poppies; the flowers of this novelty are no larger than those of the Iceland Poppy, but the form is typically that of the Oriental, and in color a pleasing soft salmon-rose.

Lady Frederick Moore. The flowers of this delightful variety are of a beautiful shade of clear salmon-pink with a very conspicuous black blotch at the base of each petal, and measures seven inches across.

Price, except where noted, 35 cts. each; \$3.50 per doz. One each of the above four new sorts for \$1.75



ORIENTAL POPPY

Pentstemon (Beard Tongue).

Most useful showy perennials, either for the border or rockery. With the exception of *Sensation*, which requires protection, they are perfectly hardy.

Gloxinioides "Sensation." A beautiful strain, bearing spikes of large Gloxinia-like flowers in a great variety of bright colors, including rose, cherry, crimson, purple, lilac, etc. The plants grow 2 feet high and bloom from early summer till frost. For bedding they rival the Phloxes, Petunias, etc. Must be given protection in winter. (See cut.)

Barbatus Torreyi. Spikes of brilliant scarlet flowers; height, 3 to 4 feet; June to August.

Digitalis. Large spikes of long, purple-white flowers with purple throats, during June and July; 2 to 3 feet.

Pubescens. Bright rosy purple; July and August; 1½ feet.
20 cts. each; \$2.00 per doz.; \$12.00 per 100.
One each of the 4 sorts for 75 cts.



PENTSTEMON SENSATION

PHYSOSTEGIA (False Dragon-Head).

One of the most beautiful of our midsummer flowering perennials, forming dense bushes 4 to 6 feet high, bearing spikes of delicate tubular flowers not unlike a gigantic heather. (See cut.)

Virginica. Bright but soft pink.

— **alba.** Pure white; very fine.

— **Speciosa.** Very delicate pink.

20 cts. each; \$2.00 per doz.; \$12.00 per 100.

DREER'S SPECIAL CATALOGUE OF OLD-FASHIONED HARDY PLANTS.

Gives complete alphabetical list of all the Hardy Plants we grow, with color, height, time of flowering, and whether suited for sun or shade. Also shows plans of Hardy Borders, prepared by a competent Landscape Architect.

Papaver Orientale (Oriental Poppy).

These are the regal representatives of this popular genus, growing 3 to 3½ feet high, and far surpassing in splendor of bloom all the annual and biennial kinds, and for a gorgeous display of rich and brilliant coloring nothing equals them during their period of flowering in May and June, and whether planted singly or in masses their large flowers and freedom of bloom renders them conspicuous in any position. They are of the easiest culture; almost any kind of soil suits them, but they do best in deep, rich loam; set the plants out in fall or early spring before the first of May—give them water occasionally during dry spells in the early part of the season; mulch with stable litter in fall; and they will increase in size and floriferousness for several years. After flowering the plants die back, usually reappearing in early September, or as soon as the weather gets cool. During this resting period care should be taken in cultivating the beds that the roots are not disturbed, any disturbance at this time usually resulting in failure. We offer the following distinct varieties:

Goliath. Fiery scarlet.

Mahony. Dark crimson maroon, shaded mahogany.

Mrs. Perry. Salmon-rose. | **Oriflamme.** A large, gorgeous orange scarlet.
25 cts. each; \$2.50 per doz.
Set of 4 varieties, 75 cts.
Finest Mixed Seedlings.
20 cts. each; \$2.00 per doz.;
\$12.00 per 100.

**New Oriental Poppies.**

We offer four splendid new varieties. (See page 229.)

PHYSALIS.

(Chinese Lantern Plant.)

Francheti. An ornamental variety of the Winter Cherry, forming dense bushes about 2 feet high, producing freely its bright orange scarlet lantern-like fruits; highly interesting. 20 cts. each; \$2.00 per doz.



PHYSOSTEGIA

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

DREER'S SUPERB HARDY PHLOXES

Hardy Phloxes have long been one of our leading specialties, and we are now the largest growers in the world of this important hardy plant. We offer below a collection of the finest sorts, while on the following pages will be found a selection of the very best large-flowering standard varieties, also a very complete list of the miscellaneous species and varieties.

The following cultural notes were written especially for this book by Mrs. Ely, the author of "A Woman's Hardy Garden."

"Probably the most satisfactory of all perennials is the Phlox, and a good space in proportion to the size of the garden should always be given these plants.

The ground where Phlox is to be planted should be trenched fully two feet in depth, and may be planted in the autumn from the 1st to the 15th of October, so that they may become well rooted before winter; otherwise it should be set out as soon as the frost leaves the ground in the spring, as growth begins very early.

Whether planted in spring or fall, a mulch of old manure thrown around the roots will be of benefit to the plants.

Phlox should be set out eighteen inches apart, and if kept well watered will produce both individual blossoms and heads of bloom far larger than otherwise, and amply repay the extra trouble.

In October, after three seasons of flowering, the Phlox should be lifted, the ground again trenched and enriched, the plants separated into bunches of three or four stalks each, and then reset.

Occasionally, in warm moist summers, the Phlox is attacked by mildew. But if, upon the first sign of its appearance, the leaves of the plants are well sprinkled and afterwards plentifully dusted with powdered sulphur the disease will be arrested. In November, after the stalks of the Phlox have been cut, a litter of leaves may be spread over the plants for winter protection.



HARDY PHLOX

DREER'S "FIFTEEN SUPERFINE" HARDY PHLOX

The varieties described below, mostly recent introductions of noted European specialists, show great advances in color and color combinations, many of the shades being entirely new in Phloxes.

Astrild. Dense trusses of bright cochineal carmine, shading deeper towards the centre.

B. Comte. Brilliant, rich French purple.

Europa. A white variety with very decided crimson-carmine eye, flowers and trusses very large.

Elizabeth Campbell. Bright salmon-pink, with lighter shadings and dark crimson eye.

Gefion. A new color in Phloxes, a tender peachblossom pink, with bright rose eye.

Griseur. Soft mauve rose, suffused and overlaid with a lively deep shade of cerise, giving the whole a beautiful mottled appearance.

Minerva. A beautiful luminous violet-rose, with white suffusion and a bright carmine eye, flowers and trusses of largest size. 35 cts. each; \$3.50 per doz.

Mrs. Jenkins. The best all round pure white.

Rheinlander. A most beautiful salmon-pink with flowers and trusses of immense size.

Riverton Jewel. One of our own introductions which it gives us great pleasure to recommend; a lovely shade of mauve-rose, illuminated by a brilliant carmine-red eye.

Rynstrom. A great improvement on the popular variety Pantheon; of the same carmine rose color as the Paul Neyron Rose.

Thor. A most beautiful and lively shade of deep salmon-pink, suffused and overlaid with a deep scarlet glow, large white halo and aniline red eye. This lovely variety will hold the same place among the deep salmon-pinks that the popular "Elizabeth Campbell" holds among the light salmon-pink sorts.

Viking. A splendid new variety and one of the latest to flower, producing much branched pyramidal heads of bloom of a pleasing soft salmon-rose. 35 cts. each; \$3.50 per doz.

W. C. Egan. One of the largest flowered varieties in cultivation, color effect a pleasing shade of soft pink.

Wanadis. Entirely distinct, a mottling of white and light violet, reminding one of the native Phlox Divaricata Canadensis.

Price. Any of the above Superfine sorts, except where noted, 20 cts. each; \$2.00 per doz.; \$15.00 per 100. Collection of one each of the Fifteen sorts, for \$2.75.

General Collection of DREER'S SUPERB HARDY PHLOX

Albion. A strong, vigorous grower, producing very large panicles of pure white flowers, with a faint red eye.

Antonin Mercie. Light ground color, one-half of each petal suffused bluish-lilac.

Bacchante. Tyrian-rose with crimson-carmine eye.

Bridesmaid. Pure white, with large crimson-carmine eye.

Baron van Dedem. Brilliant cochineal-red with salmon shadings.

Champs Elysee. A bright rosy-magenta; very effective.

Danton. Scarlet, with purple red eye.

Eclaireur. Brilliant rosy-magenta, with large lighter halo.

Frau Anton Buchner. The largest pure white.

General van Heutsz. Brilliant salmon-red with light centre.

Henry Murger. White, with crimson-carmine centre; a beautiful variety.

Jeanne d'Arc. A good late-flowering pure white.

L'Evenement. Orange-scarlet overlaid with salmon-pink.

La Vague. Pure mauve, with aniline-red eye.

Louise Abbema. Very large dwarf, pure white.

Mme. Paul Dutrie. Delicate lilac-rose in shade like a soft pink Orchid; flowers very large, borne in immense panicles.

Obergartner Wittig. Bright magenta, with crimson-carmine eye; large flowers and truss; the best of its type.

Pantheon. Uniform bright carmine rose, very effective.

Professor Virchow. Bright carmine overlaid with brilliant orange-scarlet.

R. P. Struthers. Bright rosy-carmine, with claret-red eye.

Rosenberg. Bright reddish violet with blood-red eye.

Siebold. A splendid bright scarlet; one of the best reds.

Sunshine. Aniline-red, with crimson eye and light halo.

Von Lassburg. Splendid pure white with very large individual flowers.

Widar. Bright reddish-violet, with very large white centre, which intensifies and illuminates the color.

Price. Any of the above varieties, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

One each of the General Collection, 25 varieties, for \$2.75.

PHLOX SUBULATA (Moss, or Mountain Pink).

An early spring-flowering type, with pretty moss-like evergreen foliage, which, during the flowering season, is hidden under the masses of bloom. An excellent plant for the rocky, the border, and invaluable for carpeting the ground or covering graves.

Alba. Pure white.

Lilacina. Light lilac.

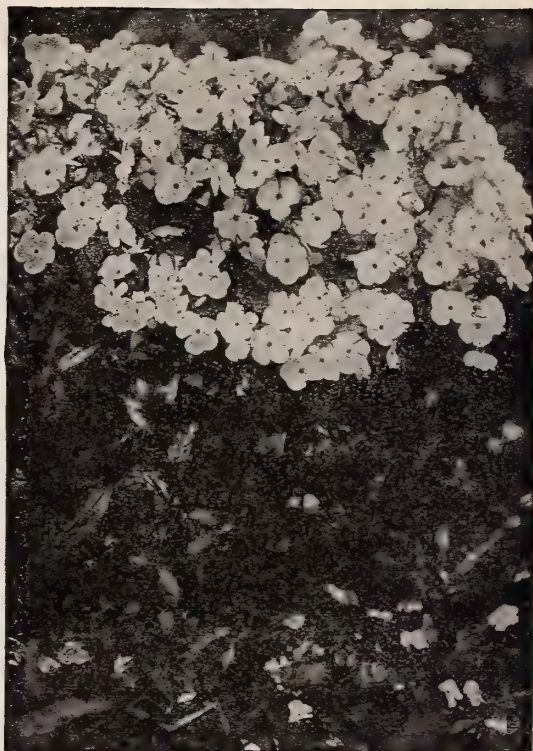
Nelsoni. Pure white.

Rosea. Bright rose.

15 cts. each; \$1.50 per doz.; \$8.00 per 100.



PHLOX SUBULATA (Moss Pink)



NEW HARDY PHLOX ARENDSI

PHLOX ARENDSI.

A new race of hardy Phlox which originated through the successful crossing of the early-flowering popular Phlox Divaricata Canadensis with the showy hardy varieties of Phlox Decussata. The plants are of vigorous, branching habit, growing according to the variety, from 12 to 24 inches high. Coming into flower during the latter part of May, they continue in good condition for nearly two months, producing a mass of flowers unknown in other types of Phlox.

Amanda. The dwarfest of the collection, growing but 12 inches high, very bushy, flowers delicate lilac with deeper centre.

Charlotte. Grows 18 to 24 inches high, flowers very large, pale lilac shaded pink with a prominent dark eye; one of the best.

Grete. Plant of very branching habit, 20 inches high, producing great masses of medium-sized white flowers.

Helene. Of a beautiful lavender-blue color; similar to Divaricata Canadensis; shapely plant; 15 to 18 inches high.

Kathe. Stems loosely branched, about 20 inches high; flowers purplish-rose with a dark eye surrounded by a lighter halo.

Louise. A strong-growing variety about 2 feet high; light lilac flowers with a carmine eye.

Price, 25 cts. each; \$2.50 per doz. One each of the 6 varieties for \$1.25.

Early Flowering Hardy Phlox.

(Phlox Suffruticosa.)

Miss Lingard. This grand white variety is one of the most popular sorts grown; it grows about 2 feet high and starts to bloom in May, continuing to flower until late in October and is always attractive. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.



PHLOX DIVARICATA

Hardy Garden Pinks.

Old favorites, bearing their sweet, clove-scented flowers in the greatest profusion during May and June. They are indispensable for the edge of the hardy border and for cutting; 1 foot.

Elsie. Bright rose with maroon centre.

Excelsior. Light rose-pink with deeper shadings.

Her Majesty. Large flowers of purest white.

Homer. Rosy-red with dark centre.

James Douglas. White with crimson-purple lacing.

Juliette. White, laced crimson.

Marion. Bright rose pink.

Snow. Fine pure white.

Souv. de Salle. Soft rosy red.

White Reserve. An everblooming pure white.

Price, 20 cts. each; \$2.00 per doz.; \$12.00 per 100. Set of 10 sorts, \$1.65.

Mixed Hardy Garden Pinks. We offer a fine lot of seedlings grown from a very select strain, which should produce a good percentage of double flowers. Those that come single are very pretty, and are preferred by some to the full, double sorts. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

PLATYCODON.

(Balloon Flower or Japanese Bell flower.)

The Platycodons are closely allied to the Campanulas, and form neat, branched bushes of upright habit.

Mrs. Ely says of them: "Do best if planted in early spring. They grow from 2 to 2½ feet high, and after the third season each plant will have from ten to twelve stalks covered with the lovely blue or white blossoms for nearly a month, beginning about July 10th. They are also free from attacks of insects, and if planted in good soil and well covered in late autumn with a litter of leaves or stable manure, will be found to be quite hardy."

Grandiflorum. Deep blue cupped, star-shaped flowers.

— **Album.** A white-flowered form of the above.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

VARIOUS PHLOXES.

The following species and varieties are quite unlike the large-flowering Phloxes offered on pages 231 and 232, but are very pretty and useful plants in the hardy garden.

Amœna. This is one of the best varieties for carpeting the ground, the rockery or the border; it grows but 4 inches high, and in spring is a sheet of rich, bright pink flowers. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Carolina Ovata (*Mountain Phlox*). Grows 12 inches high and bears masses of reddish-pink flowers in May and June. 20 cts. each; \$2.00 per doz. \$12.00 per 100.

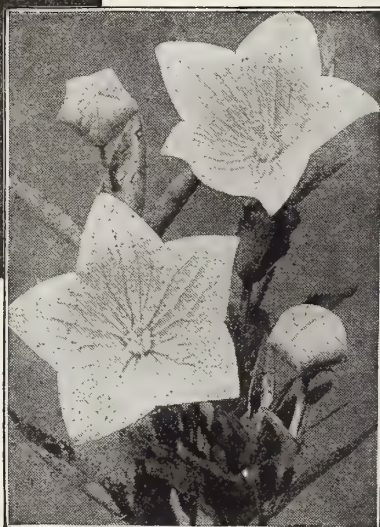
Divaricata Canadensis. One of our native species, which is worthy of extensive planting, commencing to bloom early in April, and continuing through May, with large, fragrant lavender flowers on stems 10 inches high. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

— **Laphami Perry's Variety.** In this we have a great improvement; the plant being more robust, the flowers considerably larger and of a more intense shade of lavender blue. 25 cts. each, \$2.50 per doz.

— **Alba Grandiflora.** A grand white flowering form, and should prove equally valuable and as great a favorite as the blue-flowered form. 25 cts. each; \$2.50 per doz.

— **Violet Queen.** Deep violet-colored flowers; very free. 25 cts. each; \$2.50 per doz.

Pilosa Splendens. A splendid companion to Phlox Divaricata Canadensis, growing from 12 to 15 inches high and flowering at the same time but producing great masses of brilliant rosy-carmine flowers. An excellent border plant. 25 cts. each; \$2.50 per doz.



PLATYCODON GRANDIFLORUM



HARDY GARDEN PINKS



POLEMONIUM

PLUMBAGO (Lead-wort).

Larpentæ. Of dwarf, spreading habit, growing 6 to 8 inches high; useful as an edging plant or for the rockery; covered with beautiful deep blue flowers during the summer and fall months. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

PODOPHYLLUM.

Emodi Majus (*Himalayan Mandrake*). A curious species, growing almost 3 feet high, with pale green leaves, prettily marbled with bronze. The clear pink flowers are followed by large coral-red fruit; requires a partially shaded, rich, damp position to develop its full beauty. 75 cts. each.

Peltatum (*May Apple, or Mandrake*). A well-known native plant, which is worthy of a place in every shady border; 2 feet. 20 cts. each; \$2.00 per doz.

POLEMONIUM (Jacob's Ladder).

Useful border plants, about 12 inches high, succeeding best in a partially shaded position; deep green, finely-cut foliage and spikes of showy flowers.

Reptans. Showy blue flowers during May and June.

Richardsoni. Sky-blue flowers, with golden anthers; June-July.

— **Album.** A white-flowered form of the above.

20 cts. each; \$2.00 per doz.; \$12.00 per 100.

POLYGONATUM (Solomon's Seal).

Giganteum. Exceedingly ornamental, both in foliage and flower; grows 3 feet high and bears pendant, creamy-white flowers in May and June. Should be grown in a shady or half-shady place for best results. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

POLYGONUM (Knot-weed).

Compactum. Grows about 15 inches high, and during August and September the entire plant appears as a foamy mass of white flowers.

Cuspidatum (*Giant Knot-weed*). Attains a height of 5 to 7 feet, and in fall produces long, drooping clusters of white flowers at the axil of each leaf; a striking plant for the shrubbery or as an isolated specimen, particularly so in damp ground.

Brunonis. A fine plant for the rockery or border, with spikes of bright rose-colored flowers; July to September; 1 foot.

Price. Any of the above, 20 cts. each; \$2.00 per doz.

NEW POLYGONUMS.

Lichiangensis. An introduction from northern China, remarkable for its exceptional free-flowering habit, producing an uninterrupted succession of flowers from the beginning of July until cut down by frost. These are produced from the axils of every leaf in fluffy sprays of creamy white. 75 cts. each.

Sericeum. An early flowering species, coming into bloom early in May and continuing well into June. The plant grows about two feet high, is perfectly hardy, and its feathery spikes of white flowers make it a most desirable subject for the hardy border, or for interspersing along the front of the shrubbery border. 50 cts. each.

POTENTILLA (Cinquofoil).

Charming plants for the border, with brilliant single or double flowers that are produced in profusion from June to August; succeeds in any soil; 18 inches.

Atrosanguinea. Rich crimson, single.

Miss Willmott. Bright cerise, single flowers.

Pyrenaica. Single, golden-yellow.

Vulcan. Double, rich crimson.

William Rollison. Bright vermilion; double.

25 cts. each; \$2.50 per doz.; Set of 5 sorts for \$1.00.

PRIMULA VULGARIS (English Primrose)
(Offered on page 235)

POLYGONUM COMPACTUM

PRIMULAS (Primrose).

The Hardy Primroses are among the most beautiful and interesting of our early spring flowers. Plant them in rich, well-drained soil in the border or in a sheltered nook in the rockery; if possible, in a half-shady place.

Acaulis Alba plena. Very showy and useful; double white. 25 cts. each; \$2.50 per doz.

— **Cœrulea.** A most novel variety, with deep purplish-blue flowers of large size; early and prolific. 25 cts. each; \$2.50 per doz.

— **Croussei plena.** Distinct and pleasing shade of purplish-red. 25 cts. each; \$2.50 per doz.

Veris (English Cowslip). Plants grown from a select strain of seed, and embrace a fine range of colors. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Vulgaris (English Primrose). An old favorite and should be found in every garden; one of the earliest spring flowers; of bright canary-yellow; very fragrant, (Illustrated on page 234.) 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

Set of above 5 Primroses for \$1.00.

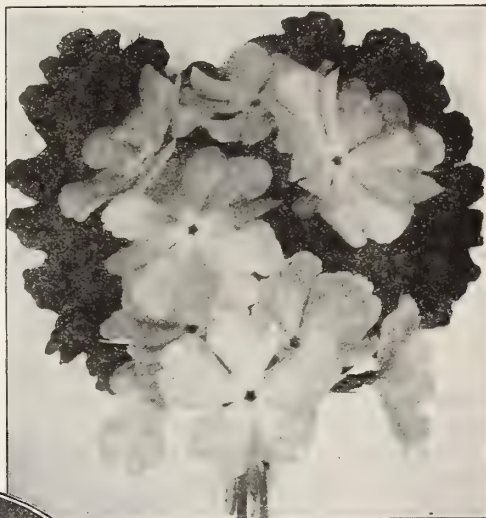
JAPANESE PRIMROSES.

(P. Sieboldi.)

These are not so well known as they deserve; they are of free growth, with dark green foliage, and throw up in the late spring innumerable stems of large flowers, varying in color from pure white to rich crimson. They succeed under the same conditions as the common hardy Primroses, and are also useful for forcing under glass, making beautiful pot plants. (See cut.)

We offer four distinct colors, viz.: Pure White, Lilac, Rose and Crimson.

20 cts. each; \$2.00 per doz. One each of the four colors for 75 cts.



JAPANESE PRIMROSES

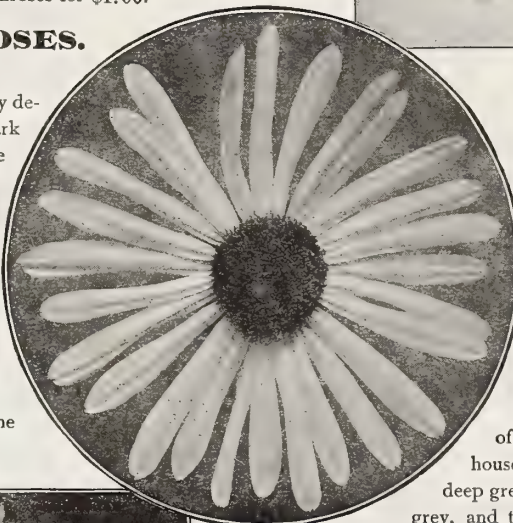
PULMONARIA.

(Lungwort, Bethlehem Sage.)

Angustifolia Azurea (Blue Cowslip, or Lungwort). The prettiest of the blue Cowslips; grows about a foot high, and one of the first to bloom in early spring, bearing attractive funnel-shaped, deep gentian-blue flowers; very desirable.

Saccharata Maculata. A beautiful plant, rivaling in the markings of its foliage many of the choicest hot-house plants; of easy culture; foliage deep green, handsomely mottled with silvery-grey, and terminal 1 foot high spikes of pink flowers during May and June.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.



PYRETHRUM
ULIGINOSUM
STELLATUM

PYRETHRUM HYBRIDUM.

This grand old-fashioned Hardy Perennial is easy to grow in any good garden soil where there is good drainage and full exposure to the sun. They prefer to be left undisturbed for two or three years, and if given an annual top dressing of well-rotted manure flower generously. Their main season of blooming is in June, but if the first crop of flower-stems is removed as soon as finished they will give a fair sprinkling of flowers during the summer and autumn months. The fine fern-like foliage of the plants is attractive at all times.

Single-flowering. The plants which we offer embrace all the colors from deep red through the various shades of rose to pure white. These can be supplied in mixed colors only. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Double-flowering. Choice named varieties in crimson, pink and white. 35 cts. each; \$3.50 per doz. One each of the three colors for \$1.00.

Pyrethrum Uliginosum Stellatum.

(Starry Giant Daisy.)

A variety which originated in our Nursery. It is a greatly improved form of the Giant Daisy, and like its parent, has flowers of glistening white, but fully one-half larger, with long, narrow petals; forming a much more graceful and refined flower. The best and most useful Daisy for cutting during August and September. 25 cts. each; \$2.50 per doz.



DOUBLE PYRETHRUM HYBRIDUM

RANUNCULUS (Crow-foot, Buttercup).

Aconitifolius Fl. Pl. (*Fair Maids of France*). Forms a branching bush 2 feet high; flowers double, pure white, in May and June. (See cut.)

Acris Fl. Pl. A double-flowered form of our common Buttercup; 2 feet; May and June.

Gramineus. A dainty variety for the rockery or border, with grass-like foliage, producing masses of yellow flowers on branched 6 to 8 inch high stems, during April and May.

Repens Fl. Pl. (*Bachelor's Buttons*). A pretty double-flowering bright golden-yellow Buttercup; bears masses of flowers during May and June.

20 cts. each; \$2.00 per doz. Set of 4 sorts, 75 cts.

RHEXIA (Meadow Beauty).

Virginica. A handsome dwarf plant, 9 inches, flowering the greater part of the summer, with numerous bright rosy-purple blossoms, and long, protruding golden anthers; grand for massing in a moist, sunny spot. 20 cts. each; \$2.00 per doz.

RODGERSIA.

Podophylla. A stately plant, both in foliage and flower; planted in rich, deep soil, in a sunny situation, and liberally supplied with water, produces five-lobed leaves $2\frac{1}{2}$ to 3 feet in diameter, at first bright green, changing to a metallic-brown hue; flowers white, not unlike a *Spiræa*, and borne in large, fluffy, feathery sprays in midsummer. 25 cts. each.

Tabularis. A rare Siberian species with attractive pale green foliage, which in established plants is borne on stems 3 to 4 feet high, and is fully 18 inches in diameter, and retains its fresh and stately appearance throughout the season; its fluffy, feathery white flowers are borne on sprays 6 feet high during midsummer. 50 cts. each.

ROMNEYA (California Tree of Matilija Poppy).

Coulteri. This beautiful Poppy, while hardy as far north as Philadelphia, should be planted in a well-drained, sunny, sheltered position. It grows 3 to 5 feet high, and frequently has from 12 to 15 expanded flowers on a single shoot at one time. The flowers are white, 6 inches and over across, delicate and transparent, yet enduring in a good state for several days; delightfully fragrant. 75 cts. each.



RUDBECKIA PURPUREA (Giant Purple Cone Flower)



RANUNCULUS ACONITIFOLIUS FL. PL. (*Fair Maids of France*)

ROSMARINUS (Rosemary).

Officinalis. An old favorite aromatic herb of neat habit of growth; requires protection. 20 cts. each; \$2.00 per doz.

RUDBECKIA (Cone-flower).

Indispensable plants for the hardy border; grow and thrive anywhere, giving a wealth of bloom, which are well suited for cutting.

"Golden Glow." A well-known popular plant, a strong, robust grower, attaining a height of 5 to 6 feet, and produces masses of double golden-yellow Cactus Dahlia-like flowers from July to September.

Maxima. A rare and attractive variety, growing 5 feet high, with large glaucous green leaves and bright yellow flowers 5 to 6 inches across, with a cone 2 inches high; flowers continuously from June to September. 25 cts. each; \$2.50 per doz.

Newmani. Dark orange-yellow flowers, with deep purple cone, borne on stiff, wiry stems 3 feet high; flowers from July to September.

Nitida, "Autumn Sun." An attractive single-flowering variety, growing 5 to 6 feet high, with long, broad petals of bright primrose-yellow. August to October.

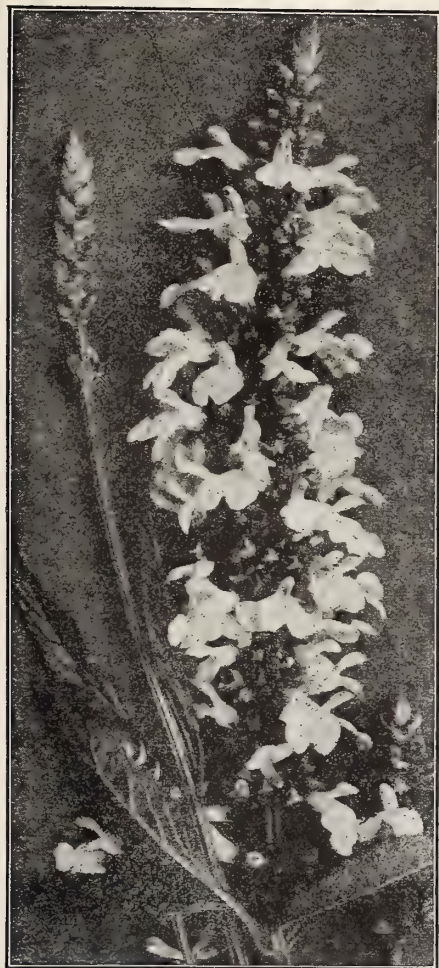
Purpurea (Giant Purple Cone-flower). Flowers about 4 inches across, of a peculiar reddish-purple with a remarkably large cone-shaped centre of brown; forms bushy plants 3 feet high, and blooms from July to October.

Subtomentosa. A pyramidal densely-branched plant, $2\frac{1}{2}$ feet high, which is completely enveloped in a mass of brilliant lemon-yellow flowers with dark purple centres in summer.

Price, except where noted, 20 cts. each; \$2.00 per doz.; \$12.00 per 100. Set of 6 sorts for \$1.00.

SANTOLINA (Lavender Cotton).

Chamæcyparissus Incana. A dwarf evergreen perennial with attractive silvery-white foliage; useful as a rock or border plant and largely used for carpet bedding; prefers a light soil and rather dry position. 15 cts. each; \$1.50 per doz.; \$8.00 per 100.



SALVIA ULIGINOSA

SAXIFRAGA (Megasea).

These will thrive in any kind of soil and in any position; grow about one foot high, and are admirable for the front of the border or shrubbery, forming masses of handsome, broad, deep green foliage which alone renders them useful, while the pretty flowers, which appear very early in the spring, some almost as soon as the frost is out of the ground, make them doubly effective. (See cut.)

Athlete. Light rose.

Orbicularis. Deep rose.

Puck. Deep rose.

Purpurea. Violet-purple.

Purpurescens. Rosy-purple.

Splendens. Rosy-crimson.

Price. 30 cts. each; \$3.00 per doz., \$20.00 per 100.

One each of the 6 sorts, \$1.50.

ALPINE SAXIFRAGAS.

The following varieties require a semi-shady position in well drained ground or on the rockery.

Peltata. Suitable for growing in moist situations, with large shield-shaped leaves and clusters of light pink flowers on stiff, erect stems 3 feet high. 25 cts. each; \$2.50 per doz.

Pyramidalis. Forms rosettes of narrow, silvery foliage; showy spikes 2 feet high of white flowers in May and June. 35 cts. each.

Umbrosa (*London Pride, Nancy Pretty, or None-so-Pretty*). A low-growing, spreading sort, throwing up stems a foot high of white, sometimes suffused with red, flowers. 25 cts. each; \$2.50 per doz.

SALVIA (Meadow Sage).

Azurea. A Rocky Mountain species; grows 3 to 4 feet high, producing during August and September pretty sky-blue flowers in the greatest profusion.

Pitcheri. Similar to the above, but of more branching habit and larger flowers of a rich gentian blue color and one of the most admired plants by the many visitors to our nurseries during the early autumn; 3 to 4 feet.

Greggi. We are at a loss to understand why the beauty of this Salvia, a native of the mountains of western Texas, was not discerned sooner. We grew it forty years ago as a greenhouse plant but with indifferent results, and it is only recently that its merits as a plant for the hardy border were discovered. Out of doors it makes a good showing from June until cut by severe frost, and the brilliant carmine color of its flowers is particularly bright from August on. The plant is of bushy habit, growing about 2 feet high, and is said to have withstood a temperature of 10 degrees below zero, but we recommend that it be given protection.

Greggi Alba. A new, pretty, white-flowered form, which is now offered for the first time.

SALVIA
GREGGI ALBA

Uliginosa. In general habit similar to Azurea but of stronger growth, forming a bushy specimen from 5 to 6 feet high, and wonderfully free flowering, blooming continuously from June until stopped by severe frost in October. The flowers are a pretty Cornflower-blue with a white throat, and are produced in branched spikes, frequently 6 inches long.

Virgata Nemorosa. An interesting plant for the hardy border, forming a rosette of large foliage, from which the flower spikes arise, bearing many-flowered whorls of dark blue blossoms; the unexpanded buds are light violet-blue, forming a harmonious and pleasing color combination. It continues in flower for about six weeks during the early summer months; 18 inches.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. One each of the six sorts, \$1.25.



GROUP OF SAXIFRAGAS (Megaseas)



SCABIOSA CAUCASICA

Satureia (Winter Savory).

Montana. A neat dwarf evergreen, aromatic plant, with slender, woody, very branching stems, 12 inches high, covered with showy white heather-like flowers in August and September. 25 cts. each; \$2.50 per doz.

SCABIOSA.

Handsome border plants, succeeding in any ordinary soil if well drained and in a sunny location, and should be grown in every garden where cut flowers are wanted; they last a long time when picked and placed in water.

Caucasica (*Blue Bonnet*). A soft and charming shade of lavender, and commences to bloom in June, throwing stems 18 to 24 inches high until September. (See cut.)

— **Alba.** A pure white variety.

Japonica. Lavender-blue flowers, in bloom from July to September; 2 feet.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

SHORTIA.

Galacifolia. A rare and handsome dwarf evergreen, with bronzy-green foliage. Requires a shady position and a soil made up mostly of leaf-mould. The flowers are pure white, about an inch across, each on a stiff, wiry stem, and turn pink with age. 25 cts. each.



SATURERIA

SEDUM (Stone-crop).
DWARF VARIETIES.

Suitable for the rockery, carpet bedding, covering of graves, etc.

Acre (*Golden Moss*). Much used for covering graves; foliage green; flowers bright yellow.

Album. Green foliage, white flowers.

Ewersi. Pink flowers; August and September.

Kamtschaticum. Deep green foliage; yellow flowers in June; 8 inches.

Lyidium Glaucum. A neat variety, with glaucous foliage.

Middendorffianum. Narrow green foliage, sulphur-yellow flowers in summer.

Sexangulare. Dark green foliage, yellow flowers.

Sieboldi. Round, succulent, glaucous foliage; bright pink flowers in August and September.

Stahli. Compact species with crimson-tinted foliage in autumn.

Stolonifera. One of the most desirable; flat succulent leaves; flowers purplish-pink; July and August; 6 inches.

Spurium. Attractive pink flowers; 6 inches.

Coccinum. A beautiful crimson-flowered form.

20 cts. each; \$2.00 per doz.; \$12.00 per 100.

ERECT OR TALL-GROWING VARIETIES.

Useful and pretty plants for the border, producing their interesting flowers during late summer and fall.

Japonicum Macrophyllum. Forms compact bushes, 15 inches high, with pleasing waxy-white flowers, with light pink centres.

Maximum Atropurpureum. Interesting on account of its dark bronzy-purple foliage; 15 inches.

Spectabile. One of the prettiest erect-growing species, attaining a height of 18 inches, with broad light green foliage and immense heads of handsome showy rose-colored flowers; indispensable as a late fall-blooming plant.

— "**Brilliant.**" A rich colored form of the preceding, being a bright amaranth-red.

Price, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. One each of the 4 sorts for 75 cts.



SEDUM SPECTABILE

SEMPERVIVUM (House Leek).

Peculiarly interesting plant for the rockery or for any exposed, well-drained position. We can furnish six distinct varieties at 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 6 for 75 cts.

SENECIO (Groundsel).

Especially suited for planting in low, moist ground; grow from 3 to 5 feet high, producing a bold effect.

Clivorum. Very large, round leaves and heavy stems of pure yellow flowers.

Pulcher. Forms a neat tuft of foliage, from which spring up from July to October, a succession of 2-foot-high stems, with clusters of brilliant rosy-purple flowers, of good size.

Wilsonianus. Its tall flower-stems, 3 to 5 feet high, arise from a wide-spreading tuft of large cordate leaves, bearing bright yellow flowers in July and August.

25 cts. each; \$2.50 per doz.

SIDALCEA.

Erect-growing, more or less branching plants, producing their showy flowers during June and July; they will succeed in any garden soil in a sunny position. (See cut.)

Rose Queen. A new variety of strong robust habit growing from 5 to 6 feet high, producing showy large flowers of a pleasing shade of clear rose, in the greatest profusion. 50 cts. each.

Candida. Grows 2 to 3 feet high with white flowers about an inch in diameter. 25 cts. each; \$2.50 per doz.

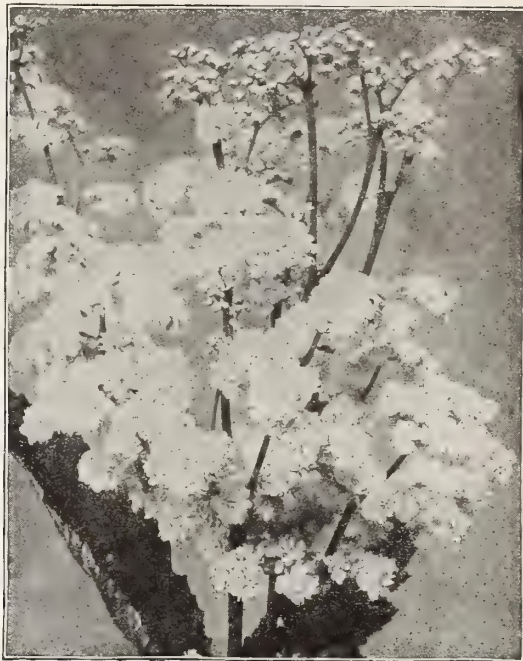
Rosy Gem. Pretty bright rose-colored flowers, 2 to 3 feet. 25 cts. each; \$2.50 per doz.

SILENE (Catchfly).

Alpestris. A good rock-work plant, grows about 4 inches high, with glistening white flowers in July and August.

Schafta (Autumn Catchfly). A charming border or rock plant, growing from 4 to 6 inches high, with masses of bright pink flowers from July to October.

20 cts. each; \$2.00 per doz.; \$12.00 per 100.



SPIRÆA ULMARIA FL. PL. (Offered on page 240)

SILPHIUM (Cup Plant).

Perfoliatum. A tall growing perennial 6 to 8 feet high, bearing large yellow single flowers during August and September; a good subject for the shrub-border. 25 cts. each; \$2.50 per doz.

Solidago (Golden Rod).

The varieties offered below are the most desirable of our native Golden Rods.

Altissima. The giant of the family, attaining a height of 10 to 12 feet; the large heads of golden-yellow flowers reach perfection late in October.



SENECIO PULCHER

Canadensis. Grows 4 to 5 feet high, with spikes of golden-yellow flowers from the end of July until September.

Golden Wings. The finest of all; 5 feet high with immense panicles of bright golden-yellow flowers from July to September.

Shorti. Golden-yellow flowers in July and August; 3 feet.

Virgaurea Compacta. Grows but 15 inches high; deep yellow flowers in August and September.

Price, 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

SPIGELIA (Carolina, or Indian Pink).

Marilandica. A rare and charming native plant, succeeding best in a shady, moist situation, and producing from early in June till late in October brilliant red, tubular flowers with yellow throat; 12 to 15 inches. 35 cts. each; \$3.50 per doz.

DREER'S SPECIAL CATALOGUE OF OLD-FASHIONED HARDY PLANTS.

Gives complete alphabetical list of all the Hardy Plants we grow, with color, height, time of flowering, and whether suited for sun or shade. Copies free on request.

SIDALCEA



SPIRÆA (Goat's Beard, Meadow Sweet).

Elegant border plants with feathery plumes of flowers and neat, attractive foliage; succeed best in a half-shaded location in rich, moist soil.

Aruncus. A noble variety, 3 to 5 feet high, producing in June and July long, feathery panicles of white flowers.

Chinensis. A handsome species, with large heads of silvery-pink flowers in June and July; 2 feet.

Filipendula Fl. Pl. (*Double-flowered Drop-wort*) Numerous corymbs of double white flowers on stems 15 inches high, during June and July, and pretty fern-like foliage.

Palmata (*Crimson Meadow Sweet*). One of the most beautiful hardy plants, the deep purple-red of the stems and branches passing into the crimson-purple of the broad corymbs of flowers, which are produced very freely during June and July; 3 feet.

— **Elegans.** A free-flowering pure white with protruding pink anthers.

Ulmaria Fl. Pl. (*Meadow Sweet*). Grows about 3 feet high, and produces its large double white flowers during June and July. (See cut on page 239).

Venusta. A showy, red-flowering species; very fragrant; 4 to 5 feet; June.

Venusta Magnifica. A decided improvement on *S. Venusta*, with richer and more intensely rosy-red, fragrant flowers, blooming during June and July; a splendid plant for low, wet ground; 4 to 5 feet. 35 cts. each; \$3.50 per doz.

Price, except where noted, 25 cts. each; \$2.50 per doz. • \$15.00 per 100.

One each of the above 8 varieties for \$1.75.

STACHYS (Woundwort).

Betonica Grandiflora (*Betony*). Large flowers of purplish-rose; June and July; 15 inches.

— **Rosea.** Soft rose color; June and July; 15 inches.

Lanata. Forms a densely leaved mass of bright, silvery-white woolly foliage and inconspicuous clusters of light purple flowers. As a plant for edging or for clumps in the border, or wherever intense color is desired for contrast with other foliage, it will be found most useful.

20 cts. each; \$2.00 per doz.; \$12.00 per 100.



STATICE LATIFOLIA



SPIRÆA ARUNCUS

STATICE (Great Sea Lavender).

Eximia. Immense panicles of lilac-colored flowers.

Gmelini. Large panicles of violet-blue flowers.

Latifolia. A most valuable plant either for the border or rockery, with tufts of leathery leaves and immense candleabra-like heads, frequently 1½ feet high and 2 feet across, of purplish-blue minute flowers from June to September; these, if cut and dried, last in perfect condition for months.

Tatarica. Reddish-purple flowers.

20 cts. each; \$2.00 per doz.

STENANTHIUM (Mountain Feather Fleece).

Robustum. A rare perennial, with showy panicles of pure white, fleecy flowers in August and September on stems 4 to 5 feet high; requires a moist, semi-shady position. 25 cts. each; \$2.50 per doz.

STOKESIA (Cornflower Aster).

Cyanea. A beautiful native plant growing 18 inches high, bearing freely from early in June until September its handsome lavender-blue Cornflower-like blossoms, which measure from 4 to 5 inches across. It is of the easiest culture, succeeding in any open, sunny position, and not only is it desirable as a single plant in the hardy border, but it can also be used with fine effect in masses or beds of any size.

Cyanea alba. A pretty pure white variety of above, which we illustrate on the plate facing page 201, and included in our Quartette of Extra Choice Hardy Perennials.

20 cts. each; \$2.00 per doz.; \$12.00 per 100.



SWEET WILLIAM

Sweet William (*Dianthus Barbatus*).
(London Tufts.)

A well-known, attractive, free-flowering hardy perennial, producing in early summer a splendid effect in beds and borders with their rich and varied flowers. We can supply the following all grown from our own select strain of seed:

Newport Pink. Rich salmony-rose, illustrated on the plate facing page 201, and included in our Quartette of Extra Choice Hardy Perennials.

Pure White. Very large.

Mixed. Containing all colors.
15 cts. each; \$1.50 per doz.; \$10.00 per 100.

SYMPHYTUM (*Comfrey*).

Asperrium aureo variegatum. A pretty golden variegated foliage border plant; in spring the leaves form rosettes close to the ground, later in the season the stems and leaves rise and form a taller plant, 15 to 18 inches high, with numerous drooping blue bell-shaped flowers. 35 cts. each; \$3.50 per doz.

THALICTRUM (*Meadow Rue*).

Very graceful, pretty-flowered planis, with finely-cut foliage; great favorites for planting in the hardy border; the dwarfier varieties also being effective and useful in the rockery. (See cut.)

Adiantifolium. A beautiful variety, with foliage like the Maidenhair Fern and miniature white flowers in June and July; 1½ to 2 feet.

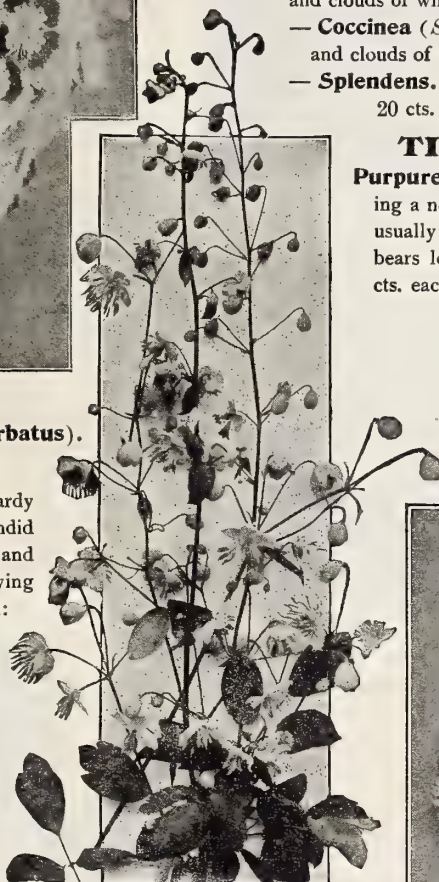
Aquilegifolium atropurpureum. Elegant, graceful foliage and masses of rosy-purple flowers; May to July; 2 to 3 feet.

— **Album.** Pure white flowers.

Glaucum. Fine-cut foliage; bronzy-yellow flowers in June; 2 feet.
25 cts. each; \$2.50 per doz.; \$15.00 per 100.

RARE THALICTRUM, DIPTEROCARPUM.

A pretty and distinct species, with flowers of a charming shade of lilac mauve, which is brightened by a bunch of lemon-yellow stamens and anthers. The plant is of strong growth, about 4 feet high; the dainty flowers are produced in graceful sprays during August and September. (See cut.) 35 cts. each; \$3.50 per doz.



THALICTRUM DIPTEROCARPUM

THERMOPSIS.

Caroliniana. A showy, tall-growing plant, attaining a height of 3 feet, producing long spikes of yellow flowers in June and July. 25 cts. each; \$2.50 per doz.

THYMUS (*Thyme*).

Citriodorus. Lemon-scented foliage, of bushy habit.

Lanuginosus (*Woolly-leaved Thyme*). A trailing variety, with grayish foliage.

Serpyllum (*White Mountain Thyme*). A pretty subject for the rockery, forming dense mats of dark green foliage and clouds of white flowers.

— **Coccinea (*Scarlet Thyme*).** Dark green foliage and clouds of bright red flowers.

— **Splendens.** Bright purplish-red flowers.
20 cts. each; \$2.00 per doz.; \$12.00 per 100.

TIARELLA (*Foam Flower*).

Purpurea major. An attractive variety, forming a neat, compact clump; the foliage unusually bright as it expands in the spring; bears long spikes of salmon-red flowers. 20 cts. each; \$2.00 per doz.

**DREER'S
LONG-SPURRED
COLUMBINES**

Shown in colors and offered on page 200.



THALICTRUM (MEADOW RUE)



TRILLIUM GRANDIFLORUM

TRADESCANTIA (Spider Wort).]

Virginica. Produces a succession of blue flowers all summer; 1½ to 2½ feet.

— **Alba.** A white-flowered form.

20 cts. each; \$2.00 per doz.

TRICYRTIS (Japanese Toad Lily).]

Hirta. An interesting Japanese plant, growing 18 inches high, and producing in the greatest profusion in late fall clusters of most peculiar lily-like flowers, which are creamy-white, spotted purplish-brown. Should be planted in semi-shady situation.

Macropoda Striata. Useful for its foliage, which is prettily variegated green and white; 1 foot.

25 cts. each; \$2.50 per doz.

TRILLIUM (Wood Lily, or Wake Robin).

Excellent plants for shady positions in the hardy border, or in a sub-aquatic position, flowering in early spring; 12 to 18 inches.

Erectum. This is the purple Wood Lily; the earliest to flower.

Grandiflorum. The largest white; probably the handsomest.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

TROLLIUS (Globe Flower).

Desirable free-flowering plants, producing their giant Buttercup-like blossoms on stems 1 to 2 feet high from May until August; succeed admirably in the border in a half-shady position in well drained, preferably light soil.

Caucasicus "Orange Globe." Large, deep orange-colored flowers.

Europæus. Large, bright yellow, globular flowers. Illustrated on the plate facing page 201, and included in our Quartette of Extra Choice Hardy Perennials.

Japonicus "Excelsior." Very deep orange flowers.

Lichtball. Large orange-yellow.

25 cts. each; \$2.50 per doz. Set of 4 sorts for 85 cts.

Two Rare Trollius, or Globe Flowers.

Ledebouri. Grows from 2 to 2½ feet high, the cup-shaped flowers opening up like a Buttercup are of a rich orange color, and while its great crop of flowers are produced during May and June, it continues to flower more or less throughout the summer.

Pumilus Yunnanensis. A new variety and entirely distinct from all others, the bright golden-yellow flowers being salver-shaped. The foliage is of a rich dark green.

Price. Either of the above, 50 cts. each; \$5.00 per doz.

TRITOMA.

(Red-hot Poker, Flame Flower, or Torch Lily.)

The early, free and continuous blooming qualities of the newer varieties have made Tritomas one of the great bedding plants, and when we consider that there are few flowering plants which are suitable for massing under our severe climatic conditions, it is little wonder that such elegant subjects should become so popular.

All the varieties offered are worthy of cultivation, succeeding in any ordinary garden soil, but respond quickly to liberal treatment; they are hardy if given protection, but the most satisfactory method of wintering is to bury the roots in sand in a cool cellar.

Pfitzerii (*The Everblooming Flame Flower*). In bloom from August to October, with spikes 3 to 4 feet high, and heads of bloom of a rich orange-scarlet, producing a grand effect either planted singly in the border or in masses. (See cut.)

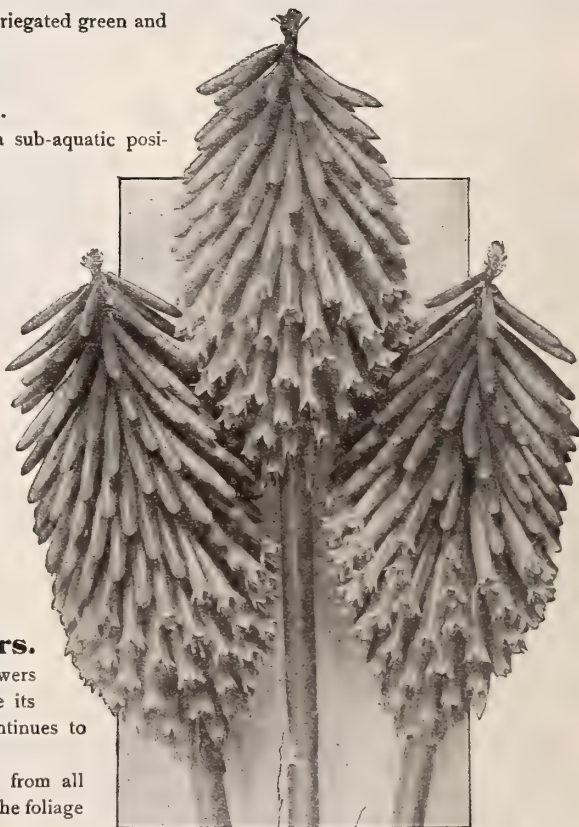
Saundersi. One of the earliest to bloom, beginning in June, continuing until the end of August. Deep coral-red, changing to chrome-yellow; 3 feet.

Tricolor. A charming small-flowered sort, in which three distinct colors are combined in the same spike of flowers, the buds at first appearing cochineal-red, changing to canary-yellow, finally opening a sulphur-white; very free-flowering; August to October; 2½ feet.

Uvaria Grandiflora. The old-fashioned late-flowering sort; spikes 3 to 5 feet high; flowers rich ochre-red, passing to salmon-pink.

Price, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

One each of the 4 Tritomas for 85 cts.



TRITOMA (Red-hot Poker Plant)

TUNICA.

Saxifraga. A pretty tufted plant with light pink flowers; produced all summer; useful either for the rockery or the border. 25 cts. each; \$2.50 per doz.

VALERIANA (Valerian).

Coccinea. Showy heads of reddish flowers; June to October; 2 feet.

— **Alba.** A white-flowered form.

Officinalis (*Hardy Garden Heliotrope*). Produces showy heads of rose-tinted white flowers during June and July, with strong heliotrope odor; 3 to 4 feet. (See cut.)

20 cts. each; \$2.00 per doz.; \$12.00 per 100.

VINCA (Periwinkle, or Trailing Myrtle).

Minor. An excellent dwarf evergreen trailing plant that is used extensively for carpeting the ground under shrubs and trees, or on graves where it is too shady for other plants to thrive. 15 cts. each; \$1.50 per doz.; \$8.00 per 100.

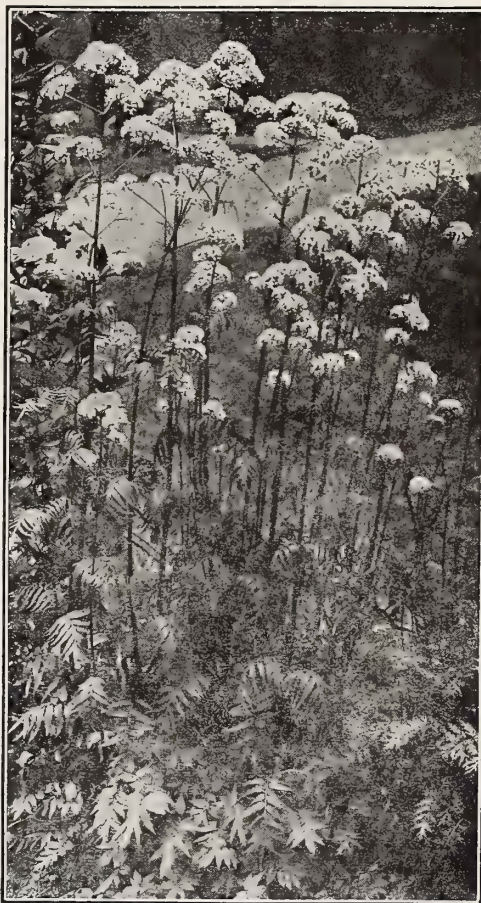
— **Aurea.** A golden variegated variety, which besides being useful as a plant for carpeting the ground, is a valuable addition for use in window boxes during the winter months in connection with Boxwoods and other evergreen plants. (See cut.) 25 cts. each; \$2.50 per doz.

— **Argentea Variegata.** Similar to Aurea in habit of growth, but having silver instead of gold variegation. 25 cts. each; \$2.50 per doz.

NEW VERONICA SPICATA ROSEA "ERICA."

(The Heather-like Speedwell.)

We are greatly pleased with this novelty, which, due to its spikes of pretty delicate pink flowers, at once reminded us of a splendidly flowered plant of Heather. It is of vigorous, compact habit, forming bushy plants 10 to 12 inches high, which are very attractive during its flowering season in June and July. 50 cts. each.



VALERIANA OFFICINALIS

VERONICA (Speedwell).

Amethystina. Amethyst-blue flowers in June and July; 2 feet.

Incana. Bright silvery foliage, with spikes of amethyst-blue flowers; July and August; 1 foot.

Longifolia Subsessilis. Mrs. Ely says of this fine variety: "Should be set out in the spring, so that it may become well established before winter. This plant grows about three feet high, and three-year-old plants produce eight or ten stalks, bearing a long spike of deep blue flowers. Begins to bloom in mid-July and continues flowering for a month. It requires only good garden soil and watering in dry weather; but if a little bonemeal is dug about the plants early in May, the spikes of bloom will be much finer, and if covered in late autumn with stable litter is quite hardy." Illustrated on the plate facing page 201 and included in our Quartette of Extra Choice Hardy Perennials.

Maritima. Long spikes of blue flowers from July to September; 2 feet.

Repens. A useful rock or carpeting plant, with light-blue flowers.

Rupestris. A fine rock plant, growing three or four inches high, thickly matted deep green foliage, hidden in spring under a cloud of bright blue flowers.

— **Alba.** A white-flowered variety of the above.

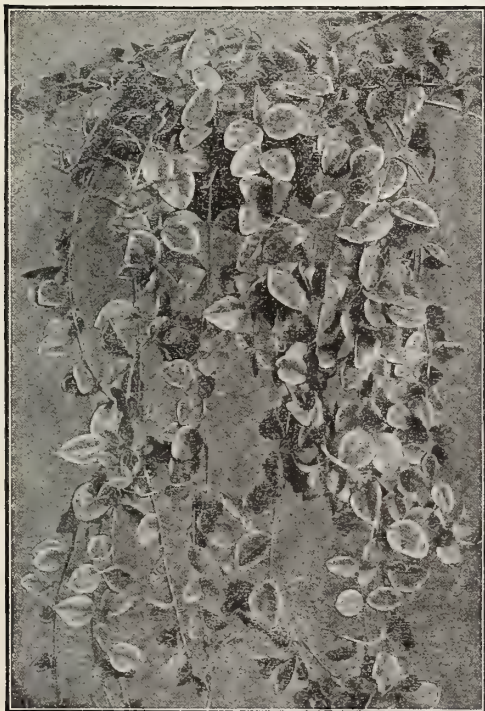
Spicata. An elegant border plant, growing about 1½ feet high, producing long spikes of bright blue flowers in June and July.

— **Alba.** A white-flowered form of the above.

— **Rosea.** A pretty pink-flowered form.

Virginica. Long spikes of white flowers in July and August; 3 to 4 feet.

Price, 20 cts. each; \$2.00 per doz.; \$12.00 per 100.



VINCA MINOR AUREA



VIOLA CORNUTA PURPUREA

VIOLA CORNUTA PURPUREA, OR G. WERMIG.

A variety of the tufted Pansy, forming clumps that are a sheet of bloom the entire season, and a most attractive subject for the border; the flowers, which in general appearance closely resemble the Princess of Wales Violet, make it a splendid substitute for the latter during the summer months when these are not to be had. (See cut.) 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

HARDY VIOLETS.

The varieties listed below are not suited for forcing under glass; they are perfectly hardy; and when grown in the open border are covered with flowers in early spring.

Double Russian. Fine, large, double deep purple flowers of exquisite fragrance.

Pedata (Bird's Foot Violet). A native variety, with finely-cut foliage and showy blue flowers.

— **Bicolor.** An elegant variety of the preceding, with the upper petals a rich, royal purple; lower petals almost white.

Price, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

VIOLAS OR TUFTED

PANSIES (*Viola Cornuta*).

The improved forms of *Viola Cornuta* are one of the important bedding plants of Europe, and are rapidly growing in favor here. They flower continuously for nearly eight months in the year; and while their flowers are not so large as those of the Pansy, their bright colors and floriferousness make them welcome additions to any garden.

Admiration. Soft purple, with dark blotch.

Lutea Splendens. Rich golden yellow.

Papillo. Violet, with dark eye.

White Perfection. A fine white.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

VINCETOXICUM (Mosquito Plant).

Japonicum. An interesting plant from Japan, with small white flowers in summer, which attracts and kills insects. The foliage is dark green and almost evergreen. 25 cts. each. \$2.50 per doz.

WAHLENBERGIA.

Vinciflora. A useful plant for the rock garden growing from 10 to 12 inches high, producing gentian-blue Campanula-like flowers during the greater part of the summer. 50 cts. each.

WALLFLOWERS.

The old favorite fragrant Wallflower; mixed colors, including yellow, brown, etc. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

YUCCA (Adam's Needle).

Angustifolia. A variety with narrow glaucous green foliage, very free-flowering, producing dense spikes of creamy white flowers during June and July. 25 cts. each; \$2.50 per doz.

Filamentosa. Among hardy ornamental foliage and flowering plants, this can be classed at the head of the list. Its broad, sword-like foliage and 5 to 6 feet tall, branched spikes of large, fragrant, drooping, creamy-white flowers during June and July make it an effective plant for all positions. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Filamentosa Variegata. Identical with the above excepting that the foliage is beautifully and distinctly margined with creamy white; a rare and most effective plant. (See cut.) \$1.00 each.



WALLFLOWER

DREER'S COLLECTIONS OF HARDY PERENNIAL PLANTS

We offer customers who are not acquainted with the different sorts the following collections, all in good strong roots, which once planted will, with little care, keep the garden gay with flowers from the time frost leaves the ground until late in the autumn.

12 distinct species, our selection	\$2 00
25 " " " " "	4 00
50 " " and varieties,	
our selection.....	7 00
100 distinct species and varieties,	
our selection	12 00



YUCCA FILAMENTOSA VARIEGATA

Dreer's Choice Hardy Shrubs

NOTE.—Shrubs will be shipped on receipt of orders, or as soon as they can be dug, unless instructed to the contrary, and can only be sent by Freight or Express, at purchaser's Expense. They are too heavy and large to be sent by mail. No charge for boxes, packing or delivery to express, freight or steamship lines in Philadelphia.

THE PLANTING AND CARING OF SHRUBS.

SHRUBS, deciduous and evergreen, are as much a part of the well balanced garden as the lawn or flower borders. Many of them are as decorative as any ornamental foliage plant, while others are highly useful as cut flowers, and a well-arranged planting presents an attractive appearance throughout the entire year.

Shrubs have many uses; such as a dividing line between the flower and vegetable garden, or between the lawn and uncultivated land beyond; as a background to a flower border; for hiding an unsightly building, fence or foundation, or they may be planted in a mixed shrubbery border, in which case those of short, dense growth should be planted along the front of the border, graduating to the tall-growing kinds at the back.

Thorough preparation of the soil by spading, and the addition of a liberal quantity of sheep or stable manure or bone meal will be well repaid by strong, vigorous, healthy growth. All the attention necessary to such a border would be occasional cultivation to keep down weeds, and a little top dressing of manure or bone meal in the late fall to keep up the fertility of the border. In planting care should be taken not to overcrowd, allowing sufficient room for future development, and unless an immediate effect is wanted—in which case they may be planted closer and some of them moved when necessary—the majority of the dwarf-growing kinds may be set about 3 feet apart, the tall, strong growers, about 5 feet apart.

Deciduous Shrubs should be planted in spring as soon as frost is out and the ground in workable condition. This gives them a chance to make some root-growth before hot weather comes, and while it is quite possible to plant up until the beginning of May, they will not do as well as if planted earlier.

The question of when and how to prune Shrubs is one that is frequently asked, and as no hard and fast rule can be given, we can but indicate in a general way what should be done.

All Shrubs that blossom before midsummer, such as Deutzias, Forsythias, Lilacs, Philadelphus, Weigelas, etc., produce their flowers on the growth of wood made the previous year. To prune these in fall or spring would be to destroy most of the flowers for that season. These, therefore, should have any necessary pruning done immediately after flowering. Varieties which blossom after midsummer produce their blooms on wood made the same season. This class includes such kinds as Altheas, Desmodiums, Hydrangeas, etc.,



ALTHEA WILLIAM R. SMITH

and these should be pruned in early spring. In our judgment, Shrubs are, as a rule, pruned too much, all the pruning, or rather trimming, that is necessary being just enough to keep the plant in nice symmetrical shape, care, of course, being taken to cut out all dead wood, and removing sufficient surplus growth, if any, to admit a free circulation of air and sunshine to all parts of the plant.

Abelia Chinensis Grandiflora. A choice, small Shrub of graceful habit, producing through the entire summer and fall months white tinted lilac heather-like flowers in such abundance as to completely cover the plant. (Illustrated on page 246.) 30 cts. each.

Althea (Rose of Sharon). The Altheas are among the most valuable of our tall hardy Shrubs on account of their late season of blooming, which is from August to October, a period when but few Shrubs are in flower. They are also extensively used as hedge plants, for which they are admirably adapted. We offer the following choice sorts:

- **Alba plena.** Double white, crimson centre.
- **Cœrulea plena.** Double blue.
- **Duchess de Brabant.** Double dark red.
- **Foliis Variegatis.** Leaves variegated green and white.
- **Jeanne d'Arc.** Double pure white.
- **Lady Stanley.** Double bluish-white with crimson centre.
- **Rubis.** Single, deep crimson.
- **Totus Albus.** Fine, single, pure white, very desirable. 30 cts. each. Set of 8 varieties, \$2.00.

New Giant-flowered Althea WILLIAM R. SMITH.

Everyone will be pleased with this splendid new variety; one of our own introductions named in honor of the late William R. Smith, who for over a half century was superintendent of the Botanical Gardens at Washington, D. C.

The habit of the plant is ideal, naturally forming attractive, symmetrical, bushy specimens, while the glistening pure white flowers are of giant size compared to all other sorts, being fully 4 inches in diameter under ordinary cultivation, and open out flat or salver-shaped quite different from the older types which only partially expand; these large, showy flowers are produced in great profusion from early in July until late in September, and are very conspicuous at a period when comparatively few Shrubs are in bloom. Strong two-year-old plants, 75 cts., each, \$7.50 per doz.



AZALEA MOLLIS

Amorpha Fruticosa (*False Indigo*). A strong-growing Shrub, from 6 to 7 feet high, with finger-like spikes of indigo-colored flowers, three or more spikes in a cluster; blooms early in June. 30 cts. each.

Andromeda Japonica (*Lily of the Valley Shrub*). A splendid dwarf evergreen shrub, bearing in May panicles of pretty, drooping, bell-like flowers, reminding one of Lily of the Valley. It is perfectly hardy and a fine subject to use in connection with Rhododendrons, Azaleas, etc. \$1.25 each; \$12.00 per doz.

Aralia Spinosa (*Hercules Club, Angelica Tree, or Devil's Walking-stick*). A singular native tree-like Shrub, growing from 10 to 15 feet high, with very prickly stems, pinnate leaves and immense panicles of white flowers in August, followed by black fruit which make it attractive until late in fall, an odd tropical-looking plant. 50 cts. each.

Azalea Amoena. This little gem is practically evergreen, and in late spring the plants are literally smothered with masses of rosy-crimson flowers. We offer bushy spreading plants, 10 to 12 inches in diameter, 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

— **Hinamayo**. A new hardy species, with delicate rose-pink flowers; a splendid companion to the brilliant Hinodegiri. Well-budded 3-year-old plants, \$1.25 each.

— **Hinodegiri**. An extremely hardy sort, growing about 2½ feet high and producing great masses of very bright, fiery-red, single flowers. Very desirable on account of its brilliant color. Strong bushy plants, 12 to 15 inches high, \$1.25 each; \$12.00 per doz.; \$90.00 per 100. Fine young plants, 8 to 10 inches high, 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

Azalea Japonica Alba, or Ledifolia Alba. A choice hardy variety, producing in late spring large pure white flowers similar to the well-known Azalea Indica Alba. It is very free-flowering, and is valuable to plant in connection with high-colored Azaleas and Rhododendrons, or as an individual specimen. Strong bushy plants, 12 to 15 inches high, 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

— **Mollis. Anthony Koster**. One of the prettiest of the Mollis section. Its intense golden orange-yellow flowers are of exceptionally large size, and are produced very freely. Strong plants, \$1.25 each; \$12.00 per doz.; \$90.00 per 100.

— **J. C. Van Tol**. This is the best of the red flowering forms of Mollis, having exceptionally large flowers, and being of strong vigorous habit. Strong plants, \$1.25 each; \$12.00 per doz.; \$90.00 per 100.

— **Mixed**. All the choicest Mollis varieties in mixture, including yellow, orange, red, etc. Strong plants, 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

— **Pontica. Coccinea Speciosa**. The brightest of this type, brilliant reddish salmon with fiery red shadings. \$1.00 each; \$10.00 per doz.

— **Davisl**. The finest white, very free-flowering. \$1.00 each; \$10.00 per doz.

— **Nancy Waterer**. A pleasing shade of Indian-yellow. \$1.00 each; \$10.00 per doz.

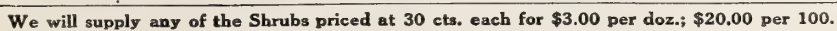
— **Bouquet de Flore**. A pleasing soft salmon-rose. Semi-double. \$1.00 each; \$10.00 per doz.

— **Mixed**. Pontica sorts in a splendid range of colors. 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

— **Yodogawa**. This charming species is a perfect gem. It grows about 3 feet high, and early in May, before all other varieties, is literally covered with semi-double lavender pink flowers, a shade at once distinct from all others and very pleasing. Strong plants, \$1.00 each; \$10.00 per doz.

Baccharis Halimifolia (*Groundsel Tree*). A pretty, tall Shrub, which is especially attractive in the fall on account of its fluffy white seedpods. 30 cts. each; \$3.00 per doz.

ABELIA CHINENSIS GRANDIFLORA
(Offered on page 245)





CLETHRA ALNIFOLIA (Sweet Pepper Bush)

Calycanthus Floridus (*Sweet or Strawberry Shrub*). An old favorite with double chocolate-colored strawberry-scented flowers in May. 30 cts. each.

Cerasus James H. Veitch. A splendid large double pink form of the Japanese Cherry, flowering in early spring in great profusion; very showy and beautiful. 50 cts. each.

Cercis Canadensis (*Judas Tree, or Red Bud.*) A showy tall Shrub or small tree. All the branches and twigs are covered with a mass of small rosy-pink flowers early in the spring before the leaves appear. Plants, 4 feet high, 50 cts. each.

Chionanthus Virginica (*White Fringe*). A tall-growing native Shrub, blooming profusely in June. The singular flowers resemble bunches of white silken fringe, hung gracefully among the foliage. 30 cts. each.

Clerodendron Trichotomum. A valuable but little known Shrub that is deserving of great popularity. It forms bushy specimens 6 to 10 feet high, with large Catalpa-like foliage and large loosely arranged panicles of white flowers, backed by a reddish-brown calyx. These develop during August and September, and are followed by peacock-blue fruits which set on the red calyx, making the plant attractive until severe winter weather sets in. Strong young pot-grown plants, 30 cts. each.

Clethra alnifolia (*White Alder, or Sweet Pepper Bush.*) One of the best of our native dwarf Shrubs, bearing spikes of pure white, deliciously fragrant flowers during July and August. 30 cts. each.

Colutea Arborescens (*Bladder Senna*). A tall Shrub, with small, delicate foliage and yellow, pea-shaped blossoms in June, followed by reddish pods or bladders. 30 cts. each.

Corchorus, or Kerria Japonica fl. pl. (*Globe-flower.*) A graceful Shrub of medium height, with double yellow flowers from early June to October. 30 cts. each.

Cornus Florida (*White-flowering Dogwood*). An ornamental, spreading, irregularly shaped tree, producing large white flowers in spring and rich crimson foliage in autumn. Plants, 4 to 5 feet high, \$1.00 each.

— **Rubra** (*Red-flowering Dogwood*). A rare variety, the flowers of which are rich rosy-red. The two varieties make a fine contrast. Plants, 3 to 4 feet high, \$1.25 each.

— **Alba Sibirica** (*Siberian Dogwood*). A strong-growing variety, crimson colored branches in winter. 30 cts. each.

— **Sanguinea** (*Red-twigg Dogwood*). A strong-growing bush, with crimson-colored branches; especially attractive in winter. 30 cts. each.

— **Mascula** (*Cornelian Cherry*). A tree-like Shrub, producing early in spring, before the leaves appear, clusters of bright yellow flowers, which are followed by red edible berries. 30 cts. each.

Cotoneaster Horizontalis. A dwarf trailing evergreen Shrub, which during autumn and winter is covered with brilliant red berries. Fine for rockeries or the edge of the border. 50 cts. each.

— **Francheti.** Of graceful habit, with long arched branches, large light green leaves and attractive orange-yellow berries. 50 cts. each.

Crataegus Oxyacantha fl. pl. (*Double-flowering Hawthorn*). The double form of the fragrant English Hawthorn. Flowers in May and June. We offer double red, pink and white. 50 cts. each.

— **Pyracantha Lalandi** (*Evergreen, or Fiery Thorn*). A most desirable variety, covered from early autumn and throughout the winter with brilliant orange-scarlet berries. 50 cts. each; \$5.00 per doz.

Cytisus Laburnum (*Golden Chain, or Golden Rain*). A dwarf tree or large Shrub with shining green leaves and long, drooping racemes of yellow flowers which appear in early summer. 50 cts. each.

— **Scoparius** (*Scotch Broom*). Grows 3 feet high, with yellow axillary flowers during May and June. Pot-grown plants, 30 cts. each.

Daphne Cneorum (*Garland Flower*). A pretty dwarf, spreading Shrub, 6 to 8 inches high, especially suited for planting on rockeries, producing beautiful bright pink sweet-scented flowers early in May. 60 cts. each; \$6.00 per doz.

— **Fioniana.** A valuable dwarf Shrub, forming almost spherical bushes about 18 inches high, covered during the latter part of May and early June with masses of small attractive, lilac-white flowers and producing more or less bloom during summer and fall. Strong plants ready March 15th, \$1.25 each.



CORCHORUS

Desmodium Penduliflorum. A Shrub which dies to the ground in winter, but comes up vigorously in spring, throwing up shoots 3 to 4 feet high, which bear during September, when few Shrubs are in bloom, attractive sprays of bright rose-colored pea-shaped flowers. 30 cts. each.

Deutzias. Well-known profuse flowering Shrubs, blooming in spring or early summer. Succeed in any sunny position. The dwarf varieties are desirable for forcing under glass.

— **Candidissima plena.** A fine tall, double white. 30 cts. each.

— **Crenata Magnifica.** A new variety with exceptionally large corymbs of pure white flowers, produced in wonderful profusion, plant of symmetrical habit, growing from 3 to 4 feet high. 50 cts. each.

— **rosea plena** (*Double-flowering Deutzia*). Double white, tinged with pink; very desirable tall Shrub. 30 cts. each.

— **Gracilis.** A favorite dwarf bush, covered with spikes of pure white flowers in early summer. 30 cts. each.

— **Lemoinei.** Without doubt one of the very best dwarf hardy Shrubs; flowers very large and produced in cone-shaped heads of purest white, which open out very full. (See cut) 30 cts. each.

— **Pride of Rochester.** A fine, tall growing double-white flowering variety. 30 cts. each.

Eleagnus Longipes (*Japanese Oleaster*). A very desirable, nearly evergreen Shrub of medium height, with light foliage, which is silvered on the under surface. The abundant crop of orange-colored fruit is a very attractive feature during the summer. 30 cts. each.



DEUTZIA LEMOINEI

Enkianthus Japonicus. An attractive Japanese Shrub, hardy as far north as Philadelphia; particularly attractive in the autumn, when its leaves turn a brilliant orange, more or less marked with red, its black fruit or berries at this time forming a strong contrast. In early spring it bears numerous umbels of pure white Andromeda-like flowers. \$1.00 each.

Erica (*Heath*). Closely allied to Heather, requiring the same conditions,

— **Tetralix** (*Bell Heather*). Delicate rosy flowers in summer.

— **Vagans Rubra** (*Cornish Heath*). Of compact growth, with upright clusters of rosy-crimson flowers.

— **Bruckenthalia Spiculifolia.** A Heath closely allied to the Erica family, with fine, needle-like leaves and light pink flower heads in June.

Price. Any of the above, 50 cts. each; \$5.00 per doz. Set of 3 sorts, \$1.25.

Evonymus Europæa (*Burning Bush*). A very conspicuous tall Shrub, which in the autumn and winter is loaded with scarlet seed pods, from which orange-colored berries hang on slender threads. 30 cts. each.

— **Japonica.** Large, round, glossy green foliage; fine as an individual specimen. Specimens, 18 to 24 inches high, \$1.00 each.

— **aureo variegata.** A beautiful variety, with glossy, dark green foliage, bordered golden yellow. Specimens, 18 to 24 inches high, \$1.00 each.

Exochorda Grandiflora (*Pearl Bush*). A medium-sized Shrub, bearing white flowers in slender racemes in early spring; very graceful; useful for cut flowers. 30 cts. each.

Forsythia Fortunei. Strong erect habit, bright golden-yellow flowers in early spring. 30 cts. each.

— **Suspensa** (*Weeping Golden Bell*). A tall Shrub of willowy-growth, the branches gracefully arching, covered with golden-yellow bells in early spring. 30 cts. each.

— **Viridissima** (*Golden Bell*). Strong erect habit; bright yellow bell-like flowers in early spring. 30 cts. each.



FORSYTHIA



Genista Andreana, Daisy Hill. A hybrid variety of the Scotch or Rock Broom, with very large pale yellow flowers with rosy reflex, the wings having a large spot of garnet-red. Requires the protection of a cold frame in winter. 30 cts. each.

— **Andreana, Firefly.** A variety with dark garnet wings, margined with yellow. Standards suffused with red, calyx purple. 30 cts. each.

Hydrangea Arborescens Grandiflora (*Snow-ball Hydrangea*). This magnificent, perfectly hardy American Shrub has snow-white blossoms of largest size. One of its most valuable characteristics is its coming into bloom just after the passing of all the early Spring-blooming shrubs, flowering from early June until late July, makes it valuable in any garden. Strong flowering plants, 30 cts. each; \$3.00 per doz.; \$20.00 per 100.

— **Paniculata Grandiflora.** Without doubt the best known and most popular summer-flowering Shrub in cultivation. The flowers, which are borne in dense pyramidal panicles a foot long in the greatest profusion, are white when they first open, but gradually change to rose color, and remain in good condition for weeks. We offer the following sizes:

Fine bush plants, 30 cts. each; \$3.00 per doz.; \$20.00 per 100.

Extra fine bush plants, 50 cts. each; \$5.00 per doz.; \$30.00 per 100.

Standard or tree-shaped plants, which will make beautiful specimens for the lawn or garden, 75 cts. each.



HYDRANGAEA PANICULATA GRANDIFLORA



LONICERA (BUSH HONEYSUCKLE)

Hypericum Patulum Henryi. A new hardy St. John's Wort of shrubby habit, growing 2½ to 4 feet high and producing masses of clear yellow flowers during July and August. A most desirable shrub. 50 cts. each.

Itea Virginica. One of the prettiest of our dwarf native Shrubs; produces racemes of pure white flowers during June, which have a fragrance not unlike the Pond Lily. 30 cts. each.

Kalmia Latifolia (*Mountain Laurel, or Calico Bush*). Our native laurel, one of the most valuable evergreen Shrubs, bearing in May and June clusters of pinkish-white flowers of great beauty. Strong cultivated plants, \$1.25 each; \$12.00 per doz.; \$90.00 per 100.

Ligustrum Ibota. A graceful hardy Privet from Japan, of spreading habit, bearing small, fragrant white flowers in June and July. 30 cts. each.

— **Regelianum.** A handsome Japanese Privet, with spreading branches and dark green foliage, contrasting well with the racemes of fragrant white flowers in summer; elegant and graceful as an isolated specimen or for an informal hedge. 30 cts. each.

— **Ovalifolium Aureum** (*Golden-leaved Privet*). A beautiful golden variegated form and very effective for associating with other dwarf shrubs. 30 cts. each.

— **Ovalifolium** (*California Privet*). The popular variety for hedges. (See page 255.)

Lilacs. See **Syringa**, page 254.

Loniceras (*Bush Honeysuckles*).

— **Grandiflora Rosea.** Rosy-red flowers striped with white in June. 30 cts. each.

— **Ledebouri.** A vigorous-growing Shrub with red flowers in May. 30 cts. each.

— **Morrowi.** A handsome Japanese variety with white flowers during May, but especially valuable for its bright red fruit during the summer and autumn months. 30 cts. each.

— **Tatarica** (*Tartarian Honeysuckle*). Pink flowers, contrasting beautifully with the foliage; blooms in June. 30 cts. each.

— **Virginalis alba.** A creamy-white colored variety of the above, flowering during May and June. 30 cts. each.

Mahonia Aquifolium. A dwarf Shrub, with shiny green prickly foliage and clusters of yellow flowers in May, followed by bluish berries. 50 cts. each.

The Planting and Care of Shrubs.

The attention of our customers is directed to the cultural notes given on page 245.



JAPANESE MAPLES

- Magnolia Conspicua** (*Chinese White Magnolia*). A highly prized species, large white flowers, which open about the middle of April. Fine bushy plants, about 3 feet high, \$3.50 each.
- Grandiflora**. A magnificent species, with handsome evergreen foliage, producing in June immense white delightfully fragrant flowers. While there are several fine specimens of this tree in the vicinity of Philadelphia, it is not considered reliably hardy north of Washington. Pot-grown plants, 2 to 3 feet high, 50 cts. each.
- Kobus**. One of the hardiest species in cultivation. Forms a large tree with white flowers 4 to 5 inches across, blooming in April and May. Strong pot-grown plants, 24 to 30 inches high, 50 cts. each.
- Soulangeana**. A Chinese species which, while shrub-like in its young growth, attains the size of a tree in time; its flowers which are produced early in spring, are cup-shaped, 3 to 5 inches in diameter, and are white inside, flushed with purple outside. Strong, heavy plants, \$2.50 each.
- Alba Superba**. A splendid white flowered form of the above \$3.00 each.
- Lennei**. A variety of Soulangeana in which the outside petals are of a deep crimson. Strong, heavy plants, \$2.50 each.
- Stellata**. A Japanese species, of dwarf habit and pure white, semi-double flowers during April. The earliest to bloom. Strong plants, \$1.50 each.

JAPANESE MAPLES.

(*Acer Japonicum* and *Polymorphum*.)

These are exceedingly beautiful, especially in spring, when they burst into leaf, and the colors of the foliage are deep and decided.

Japonicum Aureum. Golden yellow foliage.

Polymorphum Atropurpureum. Purple leaved variety, deeply cut.

Polymorphum Dissectum Atropurpureum. A handsome variety; leaves a beautiful rose color when young; change to a deep and constant purple as they become older; deeply and delicately cut, giving them a fern-like appearance.

Price. Any of the above Japanese Maples in fine four-year-old pot-grown specimens, 18 to 24 inches high, \$1.25 each.

Two-year-old plants, 6 to 8 inches high, 50 cts. each.

Osmanthus Delavayi. A valuable new evergreen shrub introduced from Yunnan where it grows at an altitude of 9000 feet, therefore perfectly hardy. The foliage is small of a deep green color; the fragrant, pure white tubular flowers are borne in terminal clusters at the end of the branches in very early spring. There being so few dependably hardy evergreen shrubs, this will prove a desirable acquisition. \$1.25 each.

—**Illicifolius**. A compact, dense Shrub, with deep green, spiny-toothed, shining leaves; thrives best in a partially-shaded, protected position. 50 cts. each.

Philadelphus Conquete. Large, single flowers in clusters of 3 to 5, completely covering the plant. 30 cts. each.

—**Coronarius** (*Garland Mock Orange*). This is the popular tall variety; very sweet and one of the first to flower. 30 cts. each.

—**Coronarius aureus** (*Golden-leaved Mock Orange*). Fine golden-yellow foliage contrasting beautifully with the dark leaves of other shrubs. 30 cts. each.

—**Grandiflorus**. A large white flowered, robust grower, 30 cts. each.

—**Nivalis**. A splendid free-flowering single white. 30 cts. each.

—**Purpureus Maculatus**. Large white flowers, with a rosy-crimson spot at the base of each petal. 30 cts. each.

Prunus Japonicus fl. pl. (*Double-flowering Almond*). A beautiful dwarf shrub, producing its showy double flowers early in May before the leaves appear. We can supply both white and pink. 35 cts. each.

—**Pissardi** (*Purple-leaved Plum*). A pretty Shrub covered with single white flowers in spring. When they first appear the leaves are lustrous crimson, changing to a rich purple. 35 cts. each.

—**Triloba** (*Double-flowering Plum*). An interesting Shrub of medium height, bearing in early spring semi-double delicate pink flowers over an inch in diameter. 35 cts. each.

Pyrus Japonica (*Japan Quince*). A very showy and popular Shrub of medium height, which blooms profusely in early spring; flowers dazzling scarlet. Makes an excellent hedge. 30 cts. each.



PHILADELPHUS CORONARIUS

RHODODENDRONS.

This grand genus, with their huge cluster of flowers in beautiful colorings, stand unequalled among hardy flowering Shrubs, and during the latter part of May or early June no flower is more gorgeous, while the bright evergreen foliage is attractive at all seasons. They require only a good garden soil, which should be dug at least 2 feet deep and well mixed with leaf mould or peat, and a somewhat sheltered situation, the north angle of a building, which the majority of other plants dislike, being one of their favorite locations. They delight in an ample supply of water during their growing season, but must have perfect drainage. During the summer a mulch of any loose light material is beneficial.

For winter protection it is important to cover the ground with not less than five inches of leaves, and a light screening of the tops with evergreen boughs is desirable.

To allow the next season's flower buds to develop, the old flower heads should be carefully removed after they are faded. The varieties offered below are a selection of the most dependable and hardiest of the Catawbiense type.

Album Elegans. A fine white.

Candidissimum. A fine white.

Caractacus. Purplish-crimson.

Charles Dickens. Deep crimson.

Catawbiense Alba. White, tinted blush.

— Grandiflorum. Soft violet-mauve.

Delicatissimum. Blush-white.

Everestianum. Light rosy-lilac.

General Grant. Aniline-red.

Ignatius Sargent. Light red.

Kettledrum. Red.

Lady Armstrong. Light rose.

Mrs. C. S. Sargent. Soft rosy-pink.

Prof. Charles S. Sargent. Rich crimson.

Parson's Grandiflorum. Crimson-rose.

Roseum Elegans. Bright rosy-lilac.

We can furnish any of the sorts in strong bushy plants, well set with buds, in the following sizes, varying according to habit of variety.

12 to 18 in. high, \$1.25 each; \$12.00 per doz.; \$90.00 per 100. | 15 to 24 in. high, \$2.00 each; \$20.00 per doz.; \$150.00 per 100.
18 to 36 in. high, \$3.00 each; \$35.00 per doz.; \$250.00 per 100.



HARDY RHODODENDRON

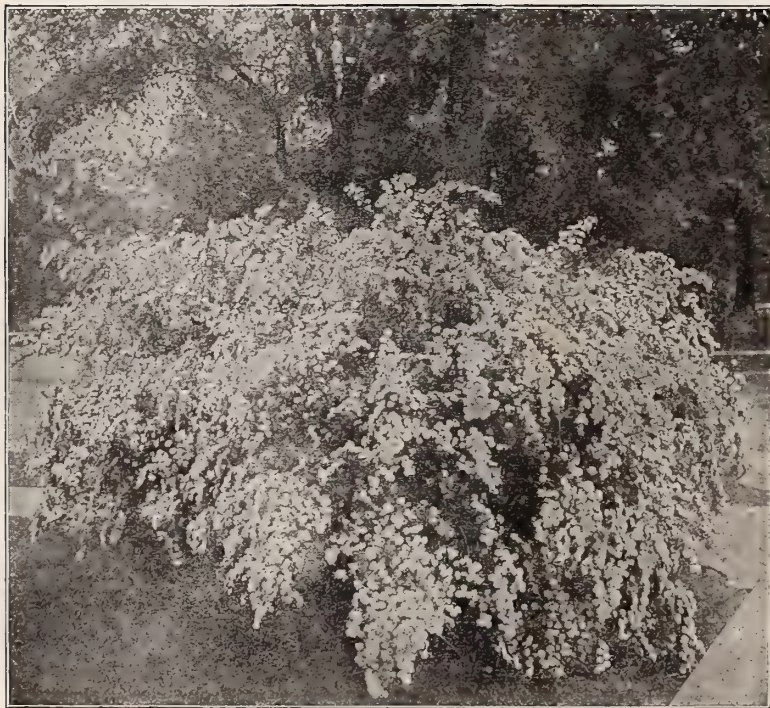
Rhododendron Punctatum. A distinct species of compact, spreading habit; fine for planting in exposed situations, being very hardy; in June the plant is literally covered with clusters of purplish-rose flowers. \$1.00 each; \$10.00 per doz.

— Racemosum. A pretty small-flowered species, producing trusses of rosy-lilac flowers in April, small myrtle-like dark green foliage. \$1.00 each.

Rhodotypus Kerrioides (*White Kerria*). A very ornamental Japanese Shrub of medium size, which succeeds well in sun or shade, with pretty foliage and large single white flowers the latter part of May. 30 cts. each.

Rhus Cotinus (*Purple Fringe, or Smoke Tree*). A low, shrubby tree, covered in midsummer with large clusters of feathery flowers, giving the appearance of a cloud of smoke or mist. 30 cts. each.

— Typhina Laciniata (*Cut-leaved Staghorn Sumac*). A large-growing bold and effective Shrub, with delicate fern-like foliage and brilliant scarlet fruit in the autumn. 50 cts. each.



SPIRÆA VAN HOUTTEI. Offered on page 253

We will supply any of the Shrubs priced at 30 cts. each for \$3.00 per doz.; \$20.00 per 100



SPIRÆA SORBIFOLIA STELLIPEDA

Rubus Deliciosus (*Rocky Mountain Flowering Raspberry*). One of the most desirable of our native Shrubs, making naturally a rounded, spreading bush 4 to 5 feet high, and producing in early summer masses of single white rose-like flowers and continuing in bloom for some time, followed by purplish-red fruit. 50 cts. each.

Sambucus Nigra Aurea (*Golden Elder*). Of strong growth and one of the best yellow foliage Shrubs; the color is remarkably bright, rich and constant, and makes a fine contrast in the shrubbery border. 30 cts. each.

— **Racemosa** (*Red-berried Elder*). A robust-growing Shrub, with white flowers in spring, followed by bright red berries in autumn. 30 cts. each.

Spiræa Anthony Waterer. A valuable variety; color bright crimson; it is of dwarf, dense growth, never exceeding 30 inches in height; in bloom the entire summer and fall. 30 cts. each.

— **Billardi**. Strong-growing, pink-flowered. 30 cts. each.

— **alba**. A white-flowered form. 30 cts. each.

— **Lindleyana**. Of vigorous growth, bearing large panicles of white flowers in July; foliage resembles Sumach. 30 cts. each.

— **Margaritæ**. A free flowering variety with flat heads of soft pink flowers from June to October; grows 3 to 4 feet high. 30 cts. each.

— **Opulifolia aurea** (*Virginian Guelder Rose*). An interesting variety of medium growth with golden-tinted foliage and large white flowers in June. 30 cts. each.

— **Prunifolia** (*Bridal Wreath*). A favorite variety and one of the best; it is a beautiful Shrub of medium size with double white flowers in May. 30 cts. each.

— **Reevesi fl. pl.** Of medium growth, with double white flowers in clusters in May. Very fine. 30 cts. each.

Spiræa Sorbifolia Stellipeda. A splendid improvement on the old Mountain Ash-leaved Spiræa; with which it is identical, except that the white flowers are produced in immense pyramidal panicles, frequently ten inches wide by fifteen inches high; these, backed with the bright green ferny foliage, appear like large bouquets of bloom. Flowers during July and August. (See cut.) Strong plants, 50 cts. each.

— **Thunbergi**. One of the most charming of all low-growing Shrubs, with fine delicate foliage, and a profusion of small white flowers in spring. 30 cts. each.

— **Van Houttei**. The grandest of all the white Spiræas; it is of compact habit and a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. (See cut on folio 252.) 30 cts. each.

Staphylea Colchica (*Bladder Nut*). One of the finest tall-growing early spring-flowering Shrubs, coming into bloom at the same time as Lilacs. Flowers very attractive, white and fragrant; disposed in clusters of good size. 50 cts. each.

Symphoricarpus Racemosus (*Snowberry*). A well-known dwarf Shrub with small pink flowers and large white berries that hang on the plant the greater part of the winter. 30 cts. each.

— **Vulgaris** (*Red fruited, or Indian Currant*). Similar to the above, but with bright red fruit. 30 cts. each.

Tamarix Africana (*Tamarisk*). Strong, slender, tall-growing, irregular Shrubs, with feathery foliage and small, delicate flowers, borne profusely on gracefully-bending branches. These pink flowers are very attractive during May. 30 cts. each.

— **Hispida Æstivalis**. A distinct variety, with delicate, soft, pink sprays of flowers in July and August, a time when the shrubbery border is comparatively bare of flowers. (See cut.) 35 cts. each.

— **Indica**. Very strong-growing, with feathery plumes of pale pink flowers in late summer and autumn. 30 cts. each.



TAMARIX HISPIDA ÆSTIVALIS

Syringa or Lilac, Common Purple (*Syringa Vulgaris*). The old favorite, and one of the best. 30 cts. each.

— **Common White** (*S. Vulgaris alba*). Flowers white, fragrant, beautiful. 30 cts. each.

— **Charles X.** A strong, rapid growing variety, with large, shining leaves. Trusses rather loose; large, reddish purple. 50 cts. each.

— **Japonica.** An elegant Japanese species, eventually forming a good-sized tree, flowers creamy white, produced in great panicles a month later than other sorts. 50 cts. each.

— **Mme. Casimir Perier.** The finest double white Lilac yet introduced. The individual flowers, which resemble miniature Tuberoses, as well as the truss, are of immense size, deliciously scented; fine for cutting. (See cut.) 50 cts. each.

— **President Grevy.** Magnificent panicles of large double blue flowers. 50 cts. each.

Vitex Agnus Castus (*Chaste Tree*). A graceful Shrub, growing from 5 to 6 feet high, with dense spikes 6 to 8 inches long, of lilac-colored flowers late in summer. 30 cts. each.

— **Macrophylla.** A variety of the Chaste Tree that came to us from a grower in Italy, and with which we are greatly pleased. The general habit of the plant is similar to *V. Agnus Castus*, but much stronger in all its parts, the foliage being larger and heavier while the trusses of lavender-blue flowers are fully double the size. It blooms from July to September, and we believe is destined to become as popular as the Butterfly Shrub. Strong young pot-grown plants, 50 cts. each.



SYRINGA OR LILAC MME. CASIMIR PERIER

Viburnum Carlesi. A recent introduction from Korea, producing its delicately spice scented flowers in May and June. The buds before expanding are of an attractive pink color and develop into Bouvardia-like umbels of white flowers which last in fresh condition for a long time; entirely distinct and most desirable. \$1.00 each.



VIBURNUM CARLESI

— **Opulus** (*High Bush Cranberry*). The white flowers in June are followed in autumn by bright scarlet berries, which are very attractive until very late in winter. 30 cts. each.

— **Opulus Sterilis** (*Snowball or Guelder Rose*). The popular white Snowball, filled with large pendant balls of white flowers in May. 30 cts. each.

— **Plicatum** (*Japan Snowball*). One of the choicest hardy Shrubs, with healthy dark foliage; the perfect balls of pure white flowers are borne in great profusion in May. 50 cts. each.

— **Rhytidophyllum.** A beautiful Chinese introduction, with almost ever-green foliage, which is from 8 to 9 inches in length by 2 to 2½ inches broad, of a dark green, much channelled, making it most valuable as an ornamental foliage subject; the vigorous growths are terminated by yellowish-white flowers, which give place in September to dark red berries. \$1.00 each.



VIBURNUM (Snowball)

The Planting and Care of Shrubs.

The attention of our customers is directed to the cultural notes given on page 245.

We will supply any of the Shrubs priced at 30 cts. each for \$3.00 per dozen; \$20.00 per 100



WEIGELIA ROSEA

- Weigelia Candida.** Fine pure white; flowers of large size. 30 cts. each.
- **Rosea.** Soft rosy carmine. 30 cts. each.
 - **Rosea Nana Variegata.** Beautiful, clearly defined variegation of green, yellow and pink in its leaves; flowers delicate rose-pink. 30 cts. each.
 - **Eva Rathke.** The finest Weigelia in cultivation; flowering continuously throughout the summer and autumn; of a rich ruby carmine. 30 cts. each.

NOTE.—Shrubs will be shipped on receipt of orders or as soon as they can be dug, unless instructed to the contrary.

We will supply all varieties priced at 30 cts. each for \$3.00 per doz.; \$20.00 per 100. Prices include packing and delivery to any transportation line in Philadelphia.

HEDGE PLANTS

Althea (*Rose of Sharon*.) Strong bushy 3-year-old plants, 24 to 30 inches high. Plant 15 to 18 inches apart. We can supply the varieties as described on page 245. \$15.00 per 100.

Berberis Thunbergi (*Japan Barberry*). Where a dwarf deciduous hedge is wanted, nothing equals this beautiful Barberry. Requires but little pruning to keep it in shape. The leaves are small, light green, and towards fall assume rich, brilliant colors, the fruit or berries becoming scarlet. Absolutely hardy in all parts of the country. Plant 12 to 15 inches apart.

Extra strong 3-year-old plants, 18 to 24 inches high, \$2.00 per doz.; \$15.00 per 100; \$120.00 per 1000.

California Privet (*Ligustrum Ovalifolium*). Of all hedge plants this is the most popular, and more of it is planted than all others combined. It is of free growth and succeeds under the most adverse conditions, such as under dense shade of trees, where other plants would not exist. Plant 1-year-old plants 8 inches apart, the 2-year-old plants 10 to 12 inches apart.

Strong 1-year-old plants, 18 to 24 inches high, \$3.00 per 100; \$25.00 per 1000.

Strong 2-year-old plants, 24 to 30 inches high, \$5.00 per 100; \$40.00 per 100.

Hydrangea Paniculata Grandiflora. This popular Shrub makes an excellent hedge, and is especially desirable as a dividing line between two properties. Plant 15 to 18 inches apart. Bushy plants, 2 to 2½ feet high, \$20.00 per 100.

Pyrus Japonica (*Japan Quince*). An excellent hedge plant with scarlet flowers. Plant 15 inches apart. Four-year-old plants, 24 to 30 inches high, \$10.00 per 100.

Rosa Rugosa (*Ramans Rose of Japan*). Both the red and white flowering forms of this beautiful Rose are popular hedge plants, their bright, glossy foliage, showy large single flowers, which are followed by bright red fruits or hips, making them particularly desirable plants for this purpose. Plant 18 to 24 inches apart.

Strong 2-year-old plants, \$20.00 per 100.

Spiraea Van Houttei. An ideal flowering shrub to use as a dividing line between properties. Plant 18 to 24 inches apart. Strong 4-year-old plants, \$3.00 per doz.; \$20.00 per 100.



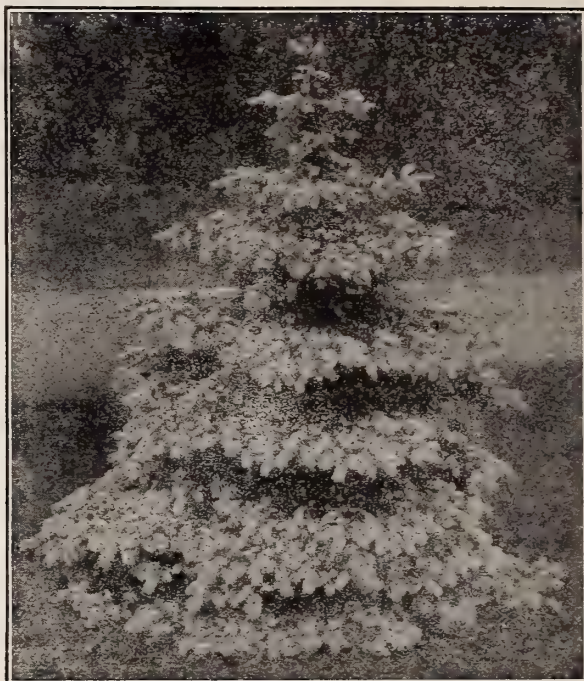
BERBERIS THUNBERGI (Hedge)



CALIFORNIA PRIVET HEDGE



JUNIPERUS PFITZERIANUS



PICEA PUNGENS GLAUCA KOSTERI

Choice Coniferous Evergreens

The coniferous Evergreens are indispensable in all ornamental plantings. They impart a finish to the landscape by their quaint or symmetrical growth, and whether planted as single specimens on the lawn or grouped together in masses, the light green, golden or silver-blue colors of their foliage are beautiful, winter and summer alike. We offer below a select list of the hardiest sorts. Nearly all of which can be supplied outside of the regular planting season in plants that are growing in cheap willow baskets, the idea being to plant basket and all, thus saving any disturbance to the roots and reducing the risk of loss to a minimum, the baskets decay and disappear in a short time and offer no resistance to the development of the roots.

Abies Brachyphylla. Dark green above, silvery beneath. Plants, 3 feet high, \$2.00 each.

— **Nordmanniana** (*Nordman's Fir*). Dark lustrous green, silvery white beneath. Plants, 3½ feet high, \$3.50 each.

— **Veitchi** (*Veitch's Fir*). Foliage glaucous above, white beneath. Plants, 3 feet high, \$2.00 each.

Cryptomeria Japonica Lobbi Compacta (*Dwarf Japan Cedar*). A handsome dwarf Japanese Conifera of pyramidal outline. Plants, 2½ to 3 feet high, \$2.50 each.

Juniperus Chinensis Argentea Variegata. Bluish-green foliage, interspersed with sprays of silvery-white. Plants, 3 feet high, \$2.00 each.

— **Japonica Aurea** (*Japanese Golden Cedar*). The bright golden tips of the foliage form a pleasing contrast with the dark green of the rest of the plant. Plants, 2 feet high, \$2.00 each; 3 feet high, \$3.00 each.

— **Pfitzerianus.** A beautiful form, with graceful dark green foliage. Plants, 3 feet high, \$2.50 each.

— **Procumbens.** Low, spreading growth, foliage dark green, a fine rock plant. Plants, 2 feet in diameter, \$3.00 each.

— **Sabina.** A very hardy dwarf-spreading variety, a good rock plant. \$1.50 each.

— **Virginiana Glauca** (*Blue Virginia Cedar*). Silvery-blue foliage. Plants, 3 feet high, \$2.00 each.

— **Virginiana Schottii.** Dense in growth with rich green foliage. Plants, 3 feet high, \$2.00 each.

Picea Pungens Glauca Kosteri (*Colorado Blue Spruce*). The attractive silvery-blue color stands out strongly against all other evergreens. Plants, 1½ feet high, \$2.00 each; 2 feet high, \$3.00 each; 2½ feet high, \$4.00 each.

— **Pungens Glauca Pendula** (*Weeping Blue Spruce*). Distinct pendulous branches. Plants, 3 feet high, \$3.00 each.

— **Alcockiana** (*Alcock's Spruce*). Foliage dark green above and silvery beneath. Plants, 2½ feet high, \$2.00 each.

Picea Omorika. Foliage silvery underneath. Plants, 3 feet high, \$2.00 each.

— **Excelsa Inverta Pendula** (*Weeping Norway Spruce*). Plants, 3 feet high, \$3.00 each.

— **Orientalis** (*Oriental Spruce*). Foliage rich dark green. Plants, 2½ feet high, \$2.00 each.

Retinispora Filifera (*Thread-branched Japanese Cypress*). Of very graceful outline, with bright green foliage. Plants, 3 feet high, \$3.00 each.

— **Filifera Aurea.** Foliage, beautifully tipped with golden yellow. Plants, 2½ feet high, \$2.50 each.

— **Pisifera Aurea** (*Golden Savara Cypress*). A bright golden evergreen. Plants, 3 feet high, \$2.50 each.

— **Obtusa Gracilis.** Plants, 3 feet high, \$2.50 each.

— **Plumosa Aurea** (*Golden Japan Cypress*). One of the best of the Golden Coniferas. Plants, 3 feet high, \$3.00 each.

— **Squarrosa Veitchi.** Plants, 2½ feet high, \$2.00 each.

Sciadopitys Verticillata (*Japanese Umbrella Pine*). Plants, 18 inches high, \$1.25 each.

Taxus Cuspidata Brevifolia (*Japanese Yew*). Very hardy and desirable, foliage very dark green. Plants, 2 feet high, \$2.00 each.

Thuja Occidentalis Rosenthali. Foliage dark green. Plants, 2½ feet high, \$2.00 each.

— **Occidentalis Lutea** (*Geo. Peabody's Golden Arborvitae*). Bright yellow foliage at the terminals of the branches. Plants, 3 feet high, \$2.00 each.

— **Orientalis Aurea Nana** (*Dwarf Golden Chinese Arborvitae*). The foliage is a decided pretty golden-yellow. Fine specimens, 15 to 18 inches high, \$1.25 each.

Thuyopsis Standishi. A strikingly distinct evergreen. Foliage rich, dark green color. Plants, 3 feet high, \$2.00 each.

Dreer's Select Hardy Climbing Plants

 All Plants are forwarded on receipt of orders unless instructed to the contrary, and are sent by Express, purchaser paying charges. We can forward small plants by Parcel Post, and if wanted sent in this way add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

ACTINIDIA ARGUTA (The Silver Vine).

A desirable very hardy Japanese climber of strong vigorous growth, with dark green, shining foliage and greenish white flowers with purple centres, which are followed by clusters of edible fruit with fig-like flavor. An excellent plant for covering arbors, trellises, etc., where a rapid and dense growth is desired. Strong plants, 60 cts. each; \$6.00 per doz.

ACTINIDIA CHINENSIS.

A valuable introduction from central China, with large orbicular foliage of dark green, which, when young, is thickly covered with bright red hairs, giving it a beautiful velvety, or plush-like appearance. In its native habitat it bears clusters of showy yellow flowers, succeeded by edible fruits the size of a walnut, of gooseberry flavor. A remarkably handsome, rapid growing climber for covering arbors, pergolas, etc. Strong plants, 75 cts. each.

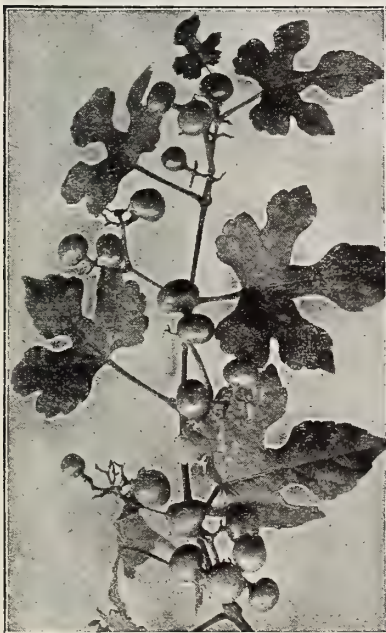
AKEBIA QUINATA (Akebia Vine).

One of the most graceful of our hardy climbers, with deep green, small foliage, and producing in early spring numberless bunches of violet-brown flowers, which have a pleasant cinnamon odor; most desirable for positions where a dense shade is not required. Strong plants, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Ampelopsis

Engelmanni.

A greatly improved variety of the Virginia Creeper, with dense foliage of a glossy light green in summer, changing to a brilliant crimson in the autumn. On a rough stone surface it will cling without support in the same way as the Japanese Ivy. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



AMPELOPSIS TRICOLOR



AMPELOPSIS LOWI

the leaves are a bright, fresh, apple-green color, changing in the autumn to various brilliant tones of orange, crimson and scarlet. Strong plants, 50 cts. each; \$5.00 per doz.; \$35.00 per 100.

AMPELOPSIS QUINQUEFOLIA.

(Virginia Creeper, or American Ivy.)

This well known climber is one of the best and quickest growing varieties for covering trees, trellises, arbors, etc.; its large, deep green foliage assumes brilliant shades of yellow, crimson and scarlet in the fall. Strong plants, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

AMPELOPSIS TRICOLOR.

(Vitis heterophylla variegata.)

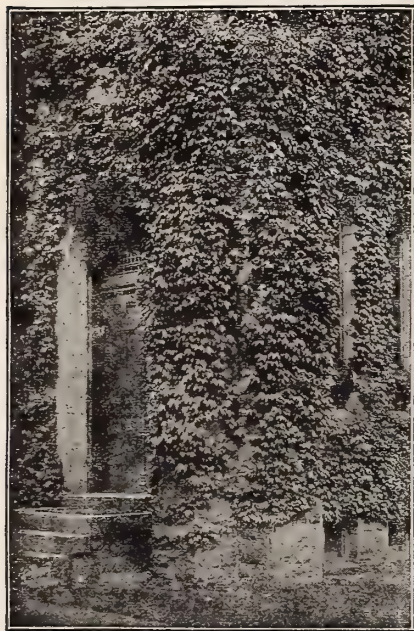
A beautiful and desirable climber, with fine dark green foliage, wonderfully variegated with white and pink; during the late summer and fall the plant is liberally covered with attractive small berries of a peculiar lustrous metallic peacock blue color; highly useful for trailing over rocks or for a low trellis. (See cut.) 25 cts. each; \$2.50 per doz.



AKEBIA QUINATA

Ampelopsis Lowi.

A splendid variation from the popular Boston or Japan Ivy, possessing all the merits of the parent, being perfectly hardy, clinging to the smoothest surface without support, and with much smaller foliage which is deeply cut, giving it a grace and elegance entirely distinct from the old type. In spring and summer



AMPELOPSIS VEITCHI

Ampelopsis Veitchi.

(Boston Ivy, or Japan Ivy.)

The most popular climbing plant for covering brick, stone or wooden walls, trees, etc.; when it becomes established it is of very rapid growth, and clings to the smoothest surface with the tenacity of ivy; the foliage is of a rich olive green during the summer, changing to various shades of bright crimson and scarlet in the fall. - In planting Ampelopsis of all kinds, the plants, if still in a dormant condition, should be cut down to within 6 inches of the ground, so that the new growth may cling to the wall or tree from the bottom up. (See cut.) Extra strong two-year-old plants, 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

APIOS TUBEROSA.

A valuable hardy tuberous-rooted climber, resembling in miniature the common Wistaria in vine and foliage, and having clusters of rich, chocolate-brown flowers, which have a strong delicious violet fragrance. They grow to a height of 8 to 10 feet, and bloom profusely. Plant 2 to 3 bulbs near together to produce a mass of vines and flowers. 5 cts. each; 50 cts. per doz.

ARISTOLOCHIA SIPHO.

(Dutchman's Pipe Vine.)

A vigorous and rapid growing climber, bearing singular brownish-colored flowers, resembling in shape a pipe. Its flowers, however, are of little value compared to its light-green leaves, which are of very large size, and retain their color from early spring to late fall; perfectly hardy. Strong plants, 50 cts. each; \$5.00 per doz.

BIGNONIA (Trumpet Vine).

For covering unsightly places, stumps, rockwork, or wherever a showy-flowering vine is desired, the Bignonias will be found very useful. The flowers are large, attractive, and borne profusely when the plants attain a fair size.

Grandiflora. Large flowers of orange-red. 50 cts. each; \$5.00 per doz.

Radicans. Dark red, orange throat, free blooming and very hardy. 25 cts. each; \$2.50 per doz.

BOUSSINGAULTIA BASELLOIDES.

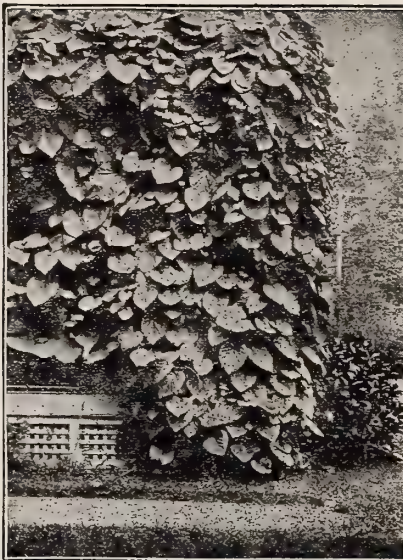
(Madeira, or Mignonette Vine.)

An old-fashioned, popular vine, covering a large space in a short time. Fleshy heart-shaped leaves of a light green, and numerous racemes of feathery white flowers of delicious fragrance. Protect with litter in this latitude. Strong tubers, 5 cts. each; 50 cts. per doz.

CELASTRUS SCANDENS.

(Bitter Sweet, or Wax Work.)

One of our native climbing plants, of rapid growth, succeeding in almost any situation, sun or shade, with attractive light green foliage and yellow flowers during June, which are followed in the autumn with bright orange fruit, which usually remain on the plant throughout the winter. 25 cts. each; \$2.50 per doz.



ARISTOLOCHIA SIPHO

Cinnamon Vine.

(Dioscorea Batatas.)

A rapid growing climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart-shaped, bright glossy green; growth is very rapid, often running 25 to 40 feet; quite hardy. Good roots, 5 cts. each; 50 cts. per doz.

Clematis**Integrifolia Durandi**

One of the most valuable of the large flowered blue Clematis, a vigorous, healthy grower not subject to disease, growing about 6 feet high and producing without intermission from June until late in fall showy indigo-blue flowers of great substance, 3 to 3½ inches in diameter. 50 cts. each; \$5.00 per doz.



BIGNONIA, OR TRUMPET VINE

VARIOUS HARDY CLEMATIS.

Coccinea. Handsome bell-shaped flowers of a bright coral-red color from June until frost. 25 cts. each; \$2.50 per doz.

Crispa. Bears an abundance of pretty bell-shaped, fragrant, lavender flowers, with white centre, from June until frost. 25 cts. each; \$2.50 per doz.

Montana Grandiflora. Of stronger growth than any other Clematis, and succeeds under the most adverse conditions, and is perfectly hardy. Its flowers, which resemble the Anemone or Windflower, are snow-white, $1\frac{1}{2}$ to 2 inches in diameter, and frequently begin to expand as early as the last week in April, continuing well through May, and are produced in such masses as to completely hide the plant. The best of the early spring-flowering climbers, of which there are but few. Extra strong 2-year-old plants, 50 cts. each, \$5.00 per doz.

Montana Perfecta. A cross between *M. grandiflora* and *M. Rubens*, with flowers about the same size as the type, but with a delicate blush suffusion through the white. Strong plants, 75 cts. each.

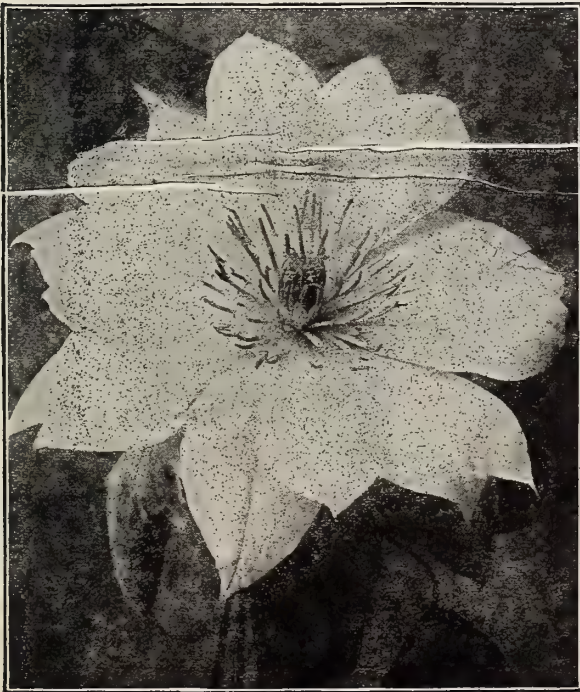
Montana Rubens. A variety with flowers of a soft rosy-red, which are produced on the young wood; they, therefore, appear more or less freely during the entire growing season. Strong plants, 75 cts. each.

Montana Wilsoni. A splendid variety, the pure white flowers are larger than the type and appear during midsummer. Strong plants, 75 cts. each.

Paniculata (*Japanese Virgin's Bower*). This handsome hardy climber is one of the choicest and most satisfactory climbing flowering plants. Of strong, rapid growth, with small, dense, cheerful green foliage, and pure white, deliciously fragrant flowers, which appear in the greatest profusion in August and September, followed by silvery, feathery seed pods, which make an attractive appearance until mid-winter. The plant succeeds in almost any position. Not only is it adapted to run up all kinds of supports, but is just as useful for planting among rock-work, sloping banks, covering graves, or, in fact, any position where a graceful vine or trailer is desired. (See cut.) Strong 2-year-old plants, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



CLEMATIS PANICULATA



LARGE-FLOWERING CLEMATIS

**LARGE-FLOWERING
HARDY CLEMATIS.**

No other climbing plant equals in attractiveness the beautiful large-flowering Clematis. Their requirements are somewhat different from most other plants, and proper conditions must be given to secure satisfactory results. They need rich, deep soil, perfect drainage, abundance of water, and, most important of all, they should be planted with the crowns three inches beneath the surface of the soil. They seem to do best in a position where they will not be exposed to the full sun during the hottest part of the day.

 We are careful to send out only perfectly healthy stock, and cannot entertain any complaints on account of non-success with this class of plants.

Anderson Henryi. Creamy white, large.

Boskoop Seedling (Sieboldi). Extra large lavender.

Duchess of Edinburgh. Double pure white.

Jackmani. The popular rich purple variety.

Mme. Baron Veillard. Light rose, with lilac shading.

Ville de Lyon. Bright carmine, the nearest to a red.

Price. Any of the above, 50 cts. each; \$5.00 per doz. One each of the 6 sorts, \$2.50.

Clematis Integrifolia Durandi. This beautiful dark blue variety is offered on opposite page.

EVONYMUS.

The trailing Evonymus are particularly desirable for their dense evergreen foliage and extreme hardiness, some varieties on account of this taking the place of the English Ivy for wall covering, others that of the box-wood as an edging plant.

Radicans. Deep green foliage, useful for covering low foundation walls, or may be clipped the same as box-wood for an edging plant. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Radicans variegata. A beautiful small-leaved green and white variegated form of the same habit as the type. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Radicans Vegeta. A strong-growing variety with larger leaves than the type and producing bright orange-red berries which remain on the plant the greater part of the winter. As an evergreen absolutely hardy wall cover this plant is unequalled. An enthusiastic horticultural writer predicts that it will become as popular for this purpose here as the Ivy is in England. 35 cts. each; \$3.50 per doz.; \$25.00 per 100.

Kewensis. A new variety with very small dark green foliage. Everyone who has seen this appreciates its value as a rock plant or ground cover. It grows close to the ground and is one of the most valuable plants for under trees where grass will not grow. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

HONEYSUCKLES.

Chinese Evergreen (Woodbine). Very fragrant, red, yellow and white variegated flowers; dark green foliage.

Coral or Scarlet Trumpet. Brilliant coral-red clusters of trumpet-shaped flowers throughout the summer and autumn. 40 cts. each; \$4.00 per doz.

Halleana (Hall's Monthly). Flowers pure white, turning to yellow; fragrant, hardy and almost evergreen; flowers freely.

Heckrottii. Deep rosy-red flowers with yellow and buff markings at end of tubes, very fragrant and perpetual flowering. 50 cts. each; \$5.00 per doz.

Henryi. A recent introduction from China, where it has been found at an altitude of 6000 feet, with almost evergreen foliage, and entirely distinct flowers of a peculiar bronzy-red color, produced in graceful panicles in early summer. Strong plants, 75 cts. each.

Variegated (Aurea Reticulata). Foliage beautifully mottled yellow and green.

Yellow Trumpet. Clusters of yellow trumpet-shaped flowers during summer and fall. 40 cts. each; \$4.00 per doz.

Price. Any of the above, except where noted, as follows: Strong plants in 4-inch pots, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Heavy plants in 6-inch pots, 25 cts. each; \$2.50 per doz.; \$20.00 per 100.

HOP VINES (Humulus Lupulus).

A useful climber. It is a rapid grower and bears a profusion of seed-pods suitable for many domestic purposes. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

HARDY ENGLISH IVY.

Invaluable evergreen variety, used for covering walls, etc., and has become very popular for covering graves, especially if in the shade, where grass will not succeed. Large plants, 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

HARDY JASMINES.

Favorite climbers for sheltered positions; hardy south of Philadelphia.

Nudiflorum. Fragrant, yellow flowers. 30 cts. each; \$3.00 per doz.

Officinale. Pure white, fragrant. 30 cts. each; \$3.00 per doz.

LATHYRUS (Hardy Everlasting Pea).

One of the best and most desirable flowering hardy climbing plants, attractive both in flower and foliage, growing to a height of 8 to 10 feet, and producing clusters of large flowers the entire summer; fine for cutting; lasting well.

Grandiflorus. A distinct and rare old species, flowers a delicate combination of rose and rosy-purple. A fine plant for the rock garden. 50 cts. each.

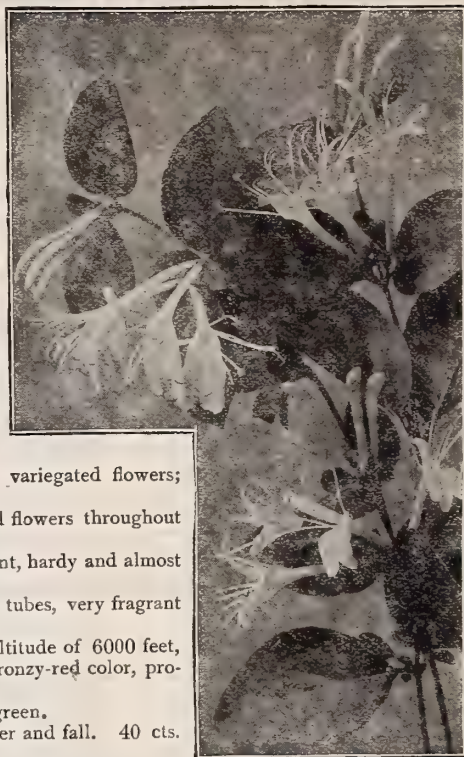
Latifolius. Deep rosy-red. } 20 cts. each; \$2.00 per doz.

— **Albus.** Pure white.

— **White Pearl.** A magnificent pure white variety, with individual flowers fully double the size of the ordinary sort and produced throughout the entire summer and early fall. Strong roots, 30 cts. each; \$3.00 per doz.

LYCIUM BARBARUM (Matrimony Vine).

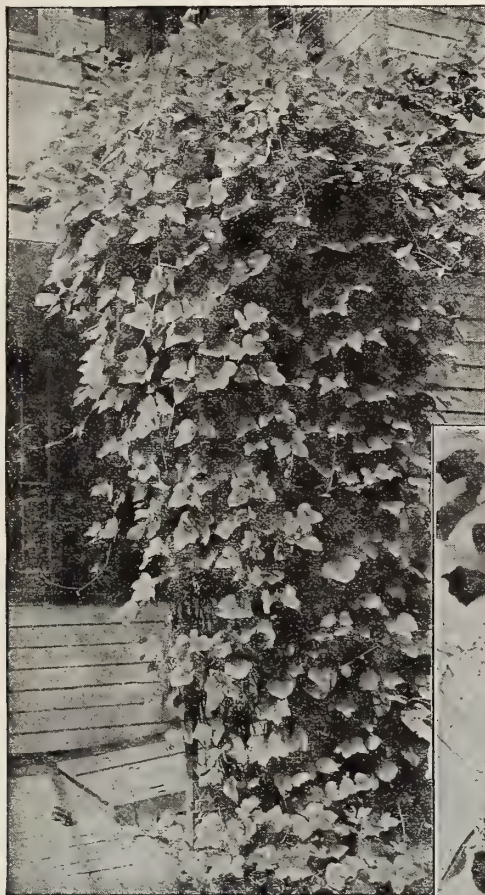
A very ornamental shrubby climber, which has appropriately been called "the general utility vine," of strong growth, bearing small purplish flowers in summer, followed by a prodigious crop of scarlet berries, which remain on the vine until late in winter. 30 cts. each; \$3.00 per doz.



HONEYSUCKLE



LATHYRUS "WHITE PEARL"



PUERARIA (KUDZU VINE)

POLYGONUM.

Auberti. A splendid climber, producing great foamy sprays of white flowers at the extremities of the branches during the late summer and autumn; a two- or three-year-old established plant when in flower is a pleasing sight. 50 cts. each.

Multiflorum. A rapid-growing climber, attaining a height of 15 feet or more in a season, with bright green heart-shaped leaves and masses of foamy white flowers from the axils of each leaf during September and October. 25 cts. each; \$2.50 per doz.



POLYGONUM

PUERARIA THUNBERGIANA (Kudzu Vine).

The most rapid-growing vine in cultivation, attaining, after once being established, a height of 50 feet or more in one season. Its foliage is large and furnishes dense shade; it bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. 25 cts. each; \$2.50 per doz.

SCHIZOPHRAGMA HYDRANGEOIDES.

(Climbing Hydrangea.)

A most desirable plant for covering the trunks of trees, rough stone walls or similar rough surfaces where it can support itself naturally. While of slow growth when first planted it makes rapid progress after it becomes thoroughly established at the root, and while it prefers a partially shaded position it will do well in full sun. It blooms in July and August, in large terminal cymes of white hydrangea-like flowers, and a large plant with hundreds of blooms is very attractive. Extra strong plants, \$1.00 each.

VITIS.

Henryana. A recent introduction from China, with foliage similar to but not as large as the Virginia creeper, the leaves being of greater substance, and prettily variegated. The ground color is a deep velvety-green, the midrib and principal veins of silvery white. The variegation is most pronounced in the autumn, when the green ground color changes to red. 50 cts. each; \$5.00 per doz.

Humulifolia (Turquoise-berry Vine). One of the most desirable very hardy climbers, with glossy-dark green leaves, which are insect and disease proof, always presenting a clean, fresh appearance. In late summer and fall the plant is loaded with berries, which are very attractive in the various stages of ripening, passing through many shades of blue, finally turning blue-black. 25 cts. each; \$2.50 per doz.

WISTARIAS.

One of the best hardy climbers, producing their great trusses of flowers in abundance during the month of May with some scattering bloom in August and September. While they succeed in any kind of soil they should be liberally fed when first planted to give them a vigorous start.

Multijuga. A Japanese variety, bearing loose panicles frequently 3 feet long of deep purple flowers.

Sinensis. The favorite variety, producing thousands of pendulous clusters of delicate violet-blue blossoms, richly perfumed.

— **Alba.** Of similar habit to Sinensis, with pure white flowers.

Price, any of the above, strong plants, 50 cts. each.



SCHIZOPHRAGMA HYDRANGEOIDES

DREER'S SELECT SMALL FRUITS

 All Plants are forwarded on receipt of order unless instructed to the contrary and are sent by Express, purchaser paying charges. We can forward small plants by Parcel Post, and if wanted sent in this way add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

While the list of Small Fruits offered is short, yet it is very select, only the very finest sorts being offered. This is preferable to a long list which would necessarily contain varieties of less merit.

BLACKBERRIES.

Blackberries respond generously to good treatment. They prefer a deep soil, inclining to sand, but will grow and fruit almost anywhere.

Eric, **Kittatinny,** **Rathbun,** **Snyder.**

Price: 50 cts. per doz.; \$3.00 per 100; \$25.00 per 1000.

CURRENTS.

Currents do well in partial shade, but require rich soil and good culture.

The following are the very best sorts:

Cherry, Deep red.

Fay's Prolific. Color, rich red; a leading variety for home use.

Lee's Black Prolific. The favorite sort for preserving.

Perfection. Superior to all other red sorts, combining size, color, high quality and productiveness in a superlative degree; has been awarded two gold medals. 15 cts. each; \$1.50 per doz.; \$12.00 per 100.

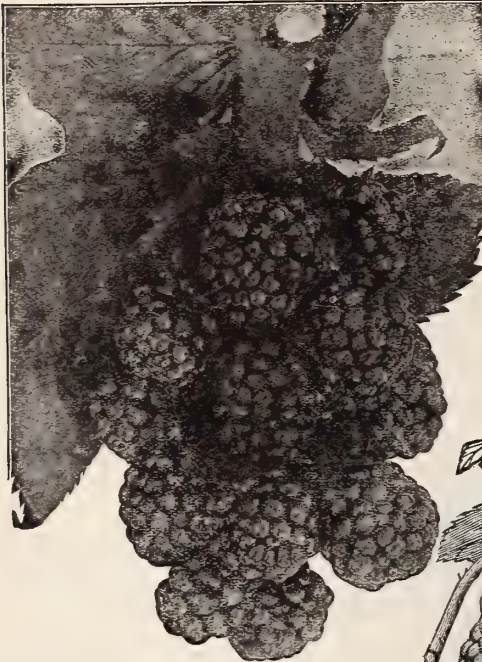
White Grape. Best white variety.

Wilder. A grand red variety; of fine flavor and a great yielder.

Price: Any of the above (except where noted) strong two-year-old plants, 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

DEWBERRY.

Lucretia. Earlier than any Blackberry, as large as the largest and of better flavor. For best results should be grown on a trellis or stake. 35 cts. per doz.; \$2.50 per 100; \$20.00 per 1000.



RATHBUN BLACKBERRIES

GOOSEBERRIES.

Gooseberries demand rich soil and good culture. A heavy manure mulch around the bushes during the heat of the summer will largely prevent mildew. We offer strong two-year-old plants.

Red Jacket. An American sort, possessing all the good qualities of the English type, and withstanding our severe climatic conditions. A wonderful cropper, with clean, healthy foliage.

The Pearl. Fruit of large size; color pale green and of excellent quality, either as a dessert fruit or for cooking.

Price: 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

RASPBERRIES.

Raspberries succeed in any soil that will grow good corn, but respond quickly to liberal treatment; for best results the old wood should be cut out just as soon as the crop has been gathered; this will give more vigor to the young canes for next year's bearing.

Columbian. Large, dark red, strong, robust and productive.

Cumberland. A black cap of exceptionally large size; of extra fine quality.

Cuthbert. Large, deep, rich crimson.

Kansas. One of the best and largest black caps.

Marlboro'. Bright crimson.

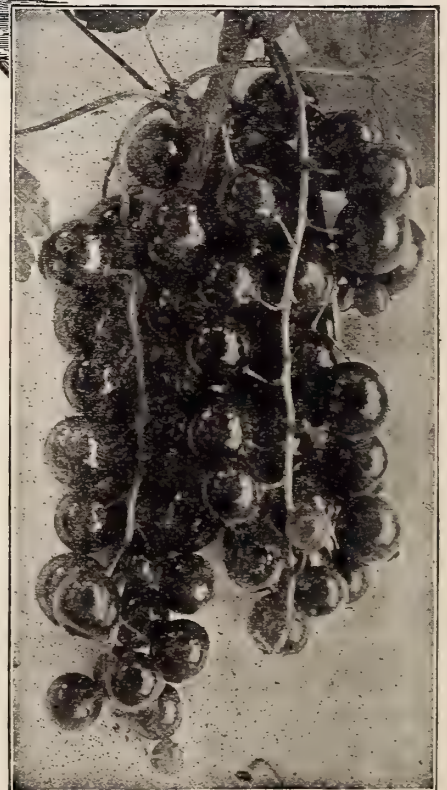
Price: Any of the above, 50 cts. per doz.; \$3.00 per 100; \$25.00 per 1000.

NEW EVERBEARING RASPBERRY, RED RANERE, or ST. REGIS.

This is not only the earliest red raspberry, but it is a perpetual fruiting variety. Its main crop is greater than any other, and continues to bear fruit on the old canes until late in August, at about which time the berries begin to ripen on the young canes of the current year's growth, which continue to bear fruits in increasing number until late in Fall. The berries are bright crimson, of good size, excellent quality, of a rich sugary, full raspberry flavor. 10 cts. each; 60 cts. per doz.; \$3.00 per 100; \$25.00 per 1000.



RASPBERRY



PERFECTION RED CURRANT

Select Dozen Hardy Grapes.

Agawam. (*Rogers' No. 15.*) Large, dark red, sweet.
Brighton. A fine red sort; resembles Catawba, with richness of the Delaware.
Campbell's Early. An improved Concord; very early.
Catawba. Red; sweet and rich, with pleasant musky flavor.
Concord. The most popular black grape; succeeds everywhere.
Delaware. Light red, sweet, sprightly; fine flavor.
Lindley. (*Rogers' No. 9.*) Large red, good quality.
Moore's Diamond. Delicate, greenish-white, with rich yellow tinge. Prolific, early and hardy; of fine quality.
Moore's Early. Large, black; good quality.
Niagara. Berries large, light greenish-white, slightly ambered.
Pocklington. Bunch and berry large, golden-yellow.
Worden. Black, hardy, healthy; of fine quality.
Price. Strong selected two-year-old vines, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

DREER'S COLLECTION OF SIX LUSCIOUS STRAWBERRIES

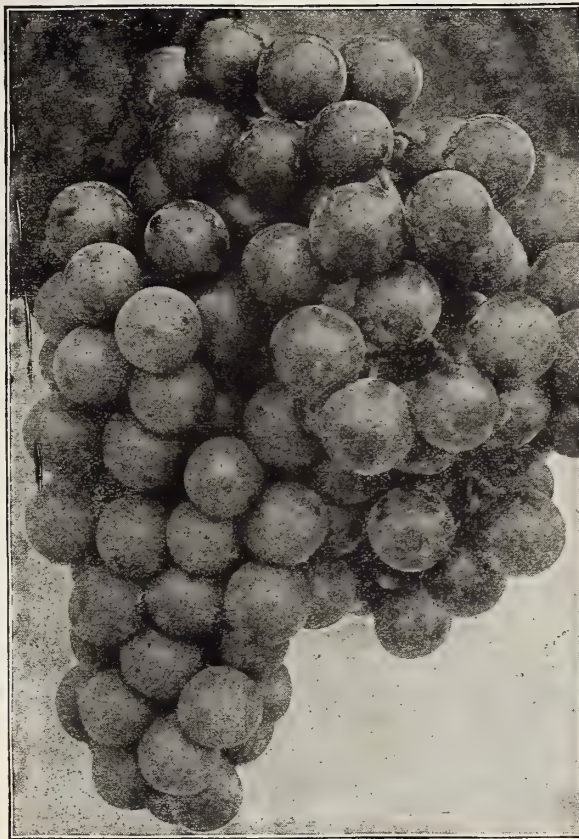
Notwithstanding the care we take in keeping our list down so as to include only varieties of sterling merit, the amateur finds difficulty in making a selection that will produce a bountiful supply of the finest fruit from the beginning to the end of the season. It is for such that we offer this collection of six varieties; all sorts which adapt themselves to the most varied conditions of soil and climate, and which in our judgment combine in the highest degree all the qualities looked for in high grade berries.

Brandywine. (*Mid-season, Perfect.*) Extra large fruit of a rich red color and delicious flavor; a high grade berry in which we have been unable to discover any defect.

Chesapeake. (*Late, Perfect.*) This variety has made a great record for itself over the whole country. It does not set an immense quantity of fruit, but every blossom makes a well developed and strictly fancy berry of good color.

Gandy's Prize. (*Late, Perfect.*) This is the standard late variety which has held its own for many years, and by which every new late sort is judged. It requires a rich soil for its perfect development, and where this is supplied no better berry could be wished for.

Marshall. (*Early, Perfect.*) So well known as one of the finest and earliest berries grown, that it is almost useless to describe it. There is no other in the market to compare with it in its season.



HARDY GRAPES

Wildwood. (*Extra Early, Perfect.*) A berry that will delight every amateur with fruit of large size, and has the aroma and flavor of the wild Strawberry. We cannot recommend this berry too highly for home use.

William Belt. (*Mid-season, Perfect.*) For vigorous growth, great productiveness, size, beauty and fine quality one of the best.

Price. Any of the above varieties in strong layer plants, 25 cts. per doz.; \$1.50 per 100; \$10.00 per 1000.

Or, we will supply collections as follows:

6 plants each of the 6 varieties, 36 in all, for \$ 75
 12 " " " " " 6 " 72 " " " 1 00
 25 " " " " " 6 " 150 " " " 1 75

CHOICE STANDARD AND NEW STRAWBERRIES

	Per Doz.	Per 100.	Per 1000.
Big Joe. Mid-season, perfect...	25 cts.	\$1.50	\$10.00
Climax. Early, perfect.....	25 "	1.50	10.00
Clyde. Early to mid-season, perfect	25 "	1.50	10.00
Early Jersey Giant. Early, perfect	25 "	1.50	10.00
Early Ozark. Early, perfect...	25 "	1.50	10.00
Glen Mary. Mid-season, perfect	25 "	1.50	10.00
Heritage. Very late, perfect...	25 "	1.50	10.00
Late Jersey Giant. Late, perfect	25 "	1.50	10.00
Nick Ohmer. Mid-season, perfect	25 "	1.50	10.00
Rewastico. Late, perfect . . .	25 "	1.50	10.00
Warren. Mid-season, perfect. . .	25 "	1.50	10.00

Note.—Layer Strawberries offered above cannot as a rule be supplied after May 1st; the earlier in the season they are planted the better the results. Our Mid-Summer Catalogue, issued in June, offers pot-grown plants for summer planting.



AUTUMN FRUITING STRAWBERRIES.

The Two Best Autumn Fruiting Strawberries

The two varieties offered below have been grown in nearly all parts of the country with gratifying results; under ordinary conditions they produce their main crop of fruit at the same time as other varieties, and keep on bearing until frost. The proper plan, however, is to cut off all buds as they appear until late in July, and thus conserve the strength of the plants for the fall crop. Treated in this way an abundant crop of berries may be looked for during September and October. Good cultivation is essential to bring about the best results, a liberal mulching during the summer is beneficial, and the plants should not be allowed to suffer for lack of water at any time.

Superb. The berries are very large, regular in shape, glossy and attractive; quality extra fine.

Progressive. This is the latest addition to the Fall-bearing type, and a decided acquisition; it is prolific, with beautiful, good sized luscious fruit.

Price. The two autumn fruiting Strawberries described above will be supplied in pot-grown plants which will produce a crop of fruit this season at 75 cts. per doz.; \$4.00 per 100; \$35.00 per 1000.

DREER'S COLLECTION OF SIX LUSCIOUS STRAWBERRIES

Offered on page 263 are sure to please the most critica;

Vegetable Plants and Roots

We grow large quantities of Vegetable Plants and Roots, and can supply all the varieties listed below in their proper season. For late Cabbage, Cauliflower, Brussels Sprouts and Celery Plants, see our Midsummer List, issued in June. Free on application.

Artichoke Plants, Dreer's Selected Large Green. Ready for shipment after April 15th. \$1.50 per doz.; \$10.00 per 100.

Asparagus Roots. We offer strong two-year-old roots of the following varieties (for descriptions see page 11):

Dreer's Eclipse, Columbian Mammoth White, Argenteuil, Palmetto and Conover's Colossal.

Any of the above Asparagus 20 cts. per doz.; \$1.00 per 100; \$7.50 per 1000.

Dreer's Cultural Notes on Asparagus free on application.

Cabbage Plants. Hot-bed plants for delivery April 15th to June 1st. Early Jersey Wakefield and Early Summer, 40 cts. per 100; \$3.00 per 1000.

Cauliflower Plants. Dreer's Snowball. From hotbed; ready April and May. 25 cts. per doz.; \$1.50 per 100.

Chamomile. 10 cts. each; \$1.00 per doz.

Chives. For flavoring. 10 cts. per clump; \$1.00 per doz.

Egg Plants. Ready in May and June. Black Beauty, the best variety. Grown in pots, 60 cts. per doz.; \$4.00 per 100.

Hop Vine Roots. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Horseradish Sets, New Bohemian. A new variety, which produces roots of enormous size and succeeds in every soil. 20 cts. per doz.; 75 cts. per 100; \$6.00 per 1000.

Lavender. Plants, 20 cts.; \$2.00 per doz.

Lettuce. Ready in April and May. Dreer's All-Heart and Hanson. 40 cts. per 100.

Pennyroyal. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Peppermint. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Spearmint. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Peppers. Large Bell or Bullnose and Long Red Cayenne. Pot-grown plants ready in May and June. 40 cts. per doz.; \$3.00 per 100.

Rhubarb Roots, Dawes' Challenge. An extra early bright crimson stemmed variety of rich flavor. 25 cts. each; \$2.50 per doz.

Rhubarb Roots, Victoria. Strong roots, 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Rosemary. 20 cts. each; \$2.00 per doz.

Sage, Holt's Mammoth. 10 cts. each; \$1.00 per doz.

Savory, Winter. 25 cts. each; \$2.50 per doz.

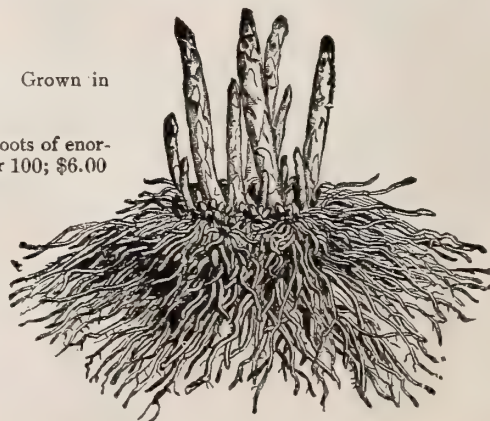
Sweet Potato Plants. Ready in May and June. Red and Yellow Nansemond. 40 cts. per 100; \$3.00 per 1000.

Tansy. 10 cts. each; \$1.00 per doz.

Tarragon (Estragon). 25 cts. each; \$2.50 per doz.

Thyme, Broad-leaved English. 10 cts. each; \$1.00 per doz.

Tomato Plants. We make a specialty of pot-grown Tomato Plants, and can supply through the planting season (May and June) the following varieties: Early Detroit, Dreer's Selected Stone and Ponderosa. 50 cts. per doz.; \$4.00 per 100.



ASPARAGUS ROOT

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.



ALL water, whether it be a lake, stream, pond, or even a small pool, seems to hold a certain charm for every one, and, when this water is inhabited and beautified by aquatic plants and fish, it becomes fascinating, and when we consider the ease with which these plants can be grown, there is no reason why every natural lake, pond and stream having the proper conditions, which are sunshine, still, warm water, and plenty of rich soil, should not be so beautified. Where stagnant pools exist, it becomes a hygienic necessity to stock same with plants and fish, for, when properly balanced with plant and animal life, the water becomes, and will remain, pure and sweet, and in place of a mosquito and malaria-breeding pool we have a healthful and delightful aquatic garden.

A FEW CULTURAL HINTS ON WATER LILIES.

Our Water Lily Book, giving complete cultural directions, sent on application.

All Water Lilies and aquatics will grow in any good garden soil enriched with one-fifth well rotted manure, or if manure is not procurable use 1 quart of ground bone to each bushel of soil. All flowering aquatics should be planted so that they will be exposed to full sunlight.

In constructing artificial ponds a total depth of two feet is sufficient; one foot for soil and one foot for water.

For those who have not the advantage of natural ponds or large artificial basin, there are many varieties which can be grown successfully in half-barrels or any water-tight receptacle having a diameter of two feet or more, but the greater the surface space the better will be the results.

Many of the Nymphaeas and other aquatics, and all of the Nelumbiums, can be successfully grown in half-barrels. To do this, fill the tubs half full with soil, top-dressed with two inches of sand, allowing about six inches for water. Sink the tubs in the ground to within three inches of the top. When more than one tub is used a very ornamental effect can be produced by leaving a space between the tubs to be used as a miniature rock garden.

As all Water Lilies and more especially the tender varieties, prefer still, warm water, it is a mistake to have any fountain or other continuous inflow of water in connection with artificial ponds or tanks, and in natural ponds, when such are fed with a large inflow of cold spring water, Lilies will not be a success.

For artificial ponds and tanks it is best only to give enough fresh water to replace what is lost by evaporation, etc.

Hardy Nymphaeas can be planted at any time from April to September. The best results, however, will be obtained if the planting is done just as they start into growth, which in the vicinity of Philadelphia is about May 1st.

Tender Nymphaeas will grow and luxuriate under the same conditions as the Hardy Nymphaeas, but the more sheltered and warmer the location the better will be the results.

Tender Nymphaeas should not be planted until after the weather

has become warm and settled, or at about the same time that such tender plants as Coleus, etc., are planted in the border.

Hardy Nymphaeas and Nelumbiums need no care during the winter, provided the water is of sufficient depth so that it will not freeze to the crown of the plants. In cement tanks drain off all the water and fill in with leaves or cover with boards and leaves or litter. If grown in tubs or boxes the plants should receive a top-dressing of ground bone at the rate of one pound to each plant, just as growth starts in spring. It should be distributed evenly over the surface of the soil, and a little sand or fine soil spread over all to keep it from floating away. Lilies which are grown in beds of soil or in natural ponds will be much benefited by an application in spring of Dried Blood manure, broadcasted on the surface of the water at the rate of one pound to every ten square feet of surface. Tender Nymphaeas require to be wintered in tubs or tanks in a greenhouse where a temperature of 60° is maintained. As strong plants are quite troublesome to winter, even under favorable conditions, we advise to leave them out and get new plants each season.

Nelumbiums are supplied in tubers, and should not be planted before May 1st. The treatment is the same as recommended for hardy Nymphaeas, excepting that they do best when planted in soil that is at least two feet deep and covered only with six inches of water.

All tanks, ponds or lakes should have submerged plants growing in them to aerify the water, thereby keeping it pure and sweet. The best plants for this purpose are *Anacharis canadensis gigantea* and *Cabomba viridifolia*. Six plants in a pool 10 feet across will be ample. These can be planted in water from six inches to two feet deep.

Fish should be in all ponds, from the smallest tub to the largest lake, as they destroy all mosquito larvæ and other insects. In lily ponds gold fish are preferable, being both useful and ornamental. A tub should have two fish in it, and twenty-five fish will be sufficient to stock a pond one hundred feet in diameter.

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TROPICAL OR TENDER WATER LILIES

The Tender Water Lilies are supplied after May 1st in strong, growing pot-plants, and should not be planted out until after the weather has become settled and warm, generally about June 1st, in the latitude of Philadelphia. *Place your order for these plants early, and we will reserve them until the proper planting season.* All of the tender varieties are most suitable for planting in artificial pools, and especially so in connection with formal gardens. They are also very desirable for cutting, more particularly the night-blooming varieties, which when cut, open from three to five days in succession, and are very brilliant under artificial light. The entire list of Tender Water Lilies, when planted out under favorable conditions, commence to bloom about July 1st and continue without interruption until stopped by hard frost. For complete cultural directions see our Water Lily Book, copies free on application.

Day-blooming Tender Nymphæas

Capensis (Cape Blue Water Lily). Flowers rich sky-blue. Very desirable and useful for cutting. \$1.00 each.

Coerulea (Blue Lotus of Egypt). Flowers light blue, suffused with white; yellow centre. \$1.00 each.

Daubenyanæa. Small, fragrant light blue flowers, valuable for winter blooming in aquariums or small pools and very interesting because it produces young plants at petiole of each leaf, which during the summer months flower freely. \$1.00 each.

Gracilis. The only white flowering day-blooming tropical Water Lily. Flowers of medium size, six to eight inches across, produced freely on long stems. \$1.50 each.

Grossherzog Ernst Ludwig. An extremely free-flowering variety, producing flowers of the largest size of a true violet blue with a golden yellow centre, forming a charming blue and gold combination. \$2.50 each.

Mrs. C. W. Ward. One of the very best of the day-blooming varieties. Deep rosy-pink flowers produced on long stems. A free and continuous bloomer. \$2.00 each.

Ovalifolia. A new variety from East Africa, which is entirely distinct from all others. The flowers are of large size, 8 to 10 inches across, held well above the foliage and of a deep creamy white; the base of each petal being faintly suffused with blue, which gradually deepens until the tips of each petal are a decided light corn-flower blue, stamens sulphur yellow, making a novel and charming color combination. The petals are rather long and narrow, giving the flower a pretty star shape. Very fragrant and a strong grower and free-flowering. Awarded several certificates of merit the past season. Strong plants ready June 1st. \$10.00 each.

Pennsylvania. A hybrid that originated in the botanical department of the University of Pennsylvania, and which is most aptly described as an improved *N. pulcherrima*, flowers being larger in size and of a deeper, richer blue; otherwise it possesses all the many good points of that grand, free and continuous flowering Nymphæa. \$2.50 each.

Pulcherrima. This variety flowers continuously winter and summer, making it the best for furnishing blooms early and late in the season. Flowers large, ten to twelve inches across. Of a fine light blue with yellow centre. \$2.00 each.

Wm. Stone. Rich violet-blue shaded amaranth; stamens purple with deep yellow centre. It stands well out of the water, and is of vigorous, spreading habit. The flowers open early in the day and remain open until late in the afternoon. \$2.00 each.

Zanzibariensis. A superb Water Lily, and the darkest blue or purple of the genus. Flowers six to ten inches in diameter; very free-flowering and exquisitely fragrant. \$1.50 each.

Zanzibariensis azurea. Similar to the type, but flowers opening wider and of a clear azure-blue color. \$1.00 each.

Zanzibariensis rosea. Flowers of various shades of rose, otherwise like the type, but opening earlier in the morning. \$1.00 each.



Night-blooming Tender Nymphæas

For Cultural Notes see our Water Lily Book. Copies free on application

Bissetti. Flowers of the largest size, 8 to 10 inches in diameter; cup-shaped; quite double and of a beautiful glowing shade of rosy-pink. \$2.00 each.

Deaniana. Flowers pure light pink; sepals deep rose-pink; stamens red. \$1.50 each.

Dentata. Flowers white, measuring from 8 to 12 inches in diameter, opening out horizontally. \$1.00 each.

Dentata Magnifica. Large cup-shaped creamy-white flowers 10 to 12 inches across. Very desirable. \$2.50 each.

Dentata Superba. The largest white Water Lily grown. Flowers of clear glistening white, 10 to 14 inches in diameter, opening out very flat. \$3.00 each.

Devoniensis. This old favorite produces its large pure red flowers in the greatest abundance, a single plant often having from twelve to eighteen blooms open at one time, making a mass of color that is really astonishing. \$1.00 each.

Frank Trelease. The darkest colored of all tender Water Lilies. A glowing dark crimson. Foliage glossy dark red, making the whole plant very ornamental. \$1.50 each.

Geo. Huster. Brilliant crimson flowers, 10 to 12 inches in diameter. Very free-flowering. \$2.00 each.

Jubilee. White, flushed pink at base of petals. \$1.50 each.

Kewensis. Medium size light pink flowers, produced in great abundance, making it a fit companion for Devoniensis. \$1.50 each.

O'Marana. Flowers large and massive. Color pink, suffused with red, each petal having a nearly white stripe up the middle. Free-flowering and very desirable. \$1.50 each.

Rubra Rosea. One of the best and largest rosy-red tender Water Lilies, producing with remarkable freedom massive flowers 8 to 10 inches across. \$1.50 each.

Sturtevantii. Color of flower varies according to culture from pure pink to bright red, with orange centre. Quite double and very large. This variety produces the finest individual flowers of any, but requires a hot summer, or heated tank, with very liberal treatment, to grow it to perfection. \$2.50 each.

Victorias, or Royal Water Lilies

Victorias have long been grown in the public parks and gardens of the United States, and are now well known to all lovers of aquatics.

They should not be shipped until the weather becomes warm and settled, generally after June 10th. Place your orders for these plants EARLY, and we will reserve them for you until proper time to plant.

Victoria Regia. The well-known original species. Plants, \$7.50 and \$10.00 each, according to size. Seeds: 3 seeds for 75 cts.; \$3.00 per doz.

Victoria Trickeri. A remarkable variety of vigorous and rapid growth, leaves $4\frac{1}{2}$ to $5\frac{1}{2}$ feet across, a single plant frequently having from twelve to fifteen leaves in good condition, and producing three and four flowers in a single week during the height of the season. Flowers white on opening, changing to deep rose-pink, and having a strong fragrance not unlike that of a ripe pineapple. Plants, \$7.50 and \$10.00 each, according to size. Seeds: 3 seeds for 75 cts.; \$3.00 per doz.

Our Water Lily Book, giving full cultural directions, sent free to customers on application

NELUMBIUMS

No flowering plants, aquatic or others, are more worthy of cultivation than the Nelumbiums, and none can be cultivated more easily. If they never bloomed, their foliage alone would be enough to win the admiration of everyone. Their enormous leaves, of tender bluish-green, held aloft on tall, flexible stalks, sway and wave in the slightest wind. But when this is crowned with a wealth of beautiful flowers, gigantic in size, exquisitely tinted, perfect in form, and with a perfume strong, yet delicate, it is easily understood why they hold the foremost place among aquatics.

Their culture is quite simple, requiring the same treatment as other hardy Water Lilies. See page 265, also our Water Lily Book, copies free on request.

Some varieties are slow in growth after transplanting, and it may be the second year before they flower; but the second and third seasons generally repay for any extra care or patience expended. All Nelumbiums are suitable for tub culture.

NOTE.—*Nelumbiums can only be supplied in dormant tubers from May 1st to June 1st, after which date only such varieties as we can furnish in pots should be planted.*



NELUMBIUMS

Pekinensis rubrum plenum. Identical with the preceding, but with immense giant double pæony-flowered blooms. Dormant tubers, \$5.00 each; pot plants, \$6.00 each.

Roseum. Flowers of a uniform deep rose pink. Dormant tubers, \$2.00 each; pot plants, \$3.00 each.

Roseum plenum. A magnificent variety, with large, full, double bright rose flowers. Dormant tubers, \$2.50 each; pot plants, \$3.50 each.

Album Grandiflorum. (*Syn. A. floribunda.*) A grand white variety, whose purity, fragrance, size, majestic foliage and hardiness stamp it as one of the best. Dormant tubers, \$2.00 each; pot plants, \$3.00 each.

Album Striatum. The flowers of this exquisite variety are pure white, the edge of the petals irregularly striped and tipped rosy carmine, with distinct magnolia fragrance. Strong, vigorous grower. Dormant tubers, \$2.50 each; pot plants, \$3.50 each.

Kermesinum. A distinct and charming variety, bearing flowers resembling the Hermosa Rose in color; the earliest flowering variety, blooming end of June in this section. Dormant tubers, \$1.50 each; pot plants, \$2.50 each.

Kinshiren. Flowers white shaded pink; very free-flowering, coming into bloom early and continuing throughout the season. Dormant tubers, \$2.50 each.

Luteum. (*American Lotus, Water Chin-quepin.*) A superb variety with yellow flowers; indigenous in the Western and Southern States. It has been introduced into the Eastern States, where, as a rule, it grows as freely as any native plant. Dormant tubers, \$1.50 each.

Osiris. A beautiful globular flower of a pure deep rose, very rich and pleasing; early and free-flowering. Dormant tubers, \$2.50 each; pot plants, \$3.50 each.

Pekinensis rubrum. This is the best dark-colored variety in cultivation; the flowers are brilliant rosy carmine, 10 to 12 inches across, outer petals well reflexed, having the graceful form of *N. Speciosum*; foliage large and handsome; vigorous and free-flowering. Dormant tubers, \$3.00 each; pot plants, \$4.00 each.

Shiroman. This superb variety has enormous double snow-white flowers borne on stalks well above the foliage; a vigorous grower, free-flowering and equally as hardy as the well known *N. Speciosum*. Dormant tubers, \$3.00 each; pot plants, \$4.00 each.

Speciosum (*Egyptian Lotus*). The best known variety and the easiest to grow, desirable for naturalizing in ponds where the magnificent foliage and superb flowers produce a splendid sub-tropical effect. Flowers 8 to 12 inches across, of a deep rose color, creamy-white at base of petals, exquisite for cutting. Dormant tubers, \$1.50 each; pot plants, \$2.50 each.

NEW AND RARE HARDY NYMPHÆAS

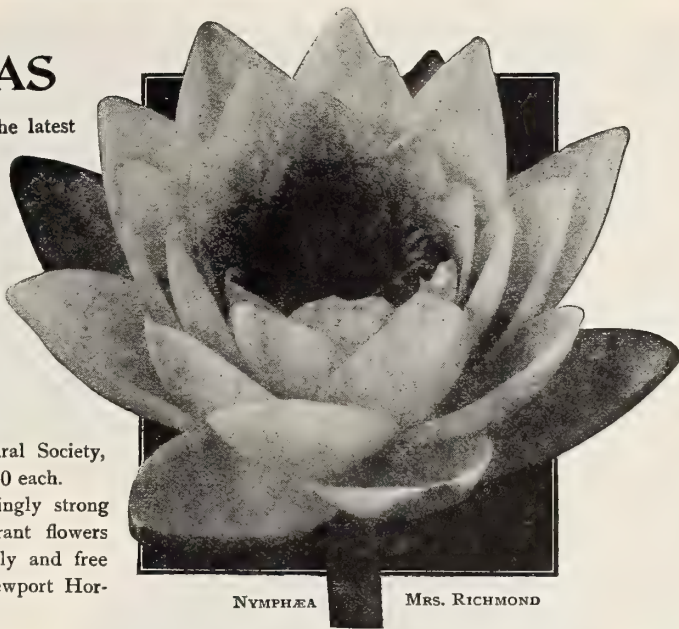
The following sorts represent the very choicest of the latest introductions in hardy Water Lilies, all of them distinct and desirable additions.

Attraction. This novelty is the most valuable acquisition to hardy Water Lilies in recent years. The plant is of strong, vigorous growth, flowering freely and continuously from May until October. Flowers of largest size, 6 to 8 inches across, of a rich deep crimson, suffused with amaranth-red shadings. Centre bright orange, sepals white. One of the most beautiful and distinct Water Lilies yet introduced. Awarded a Special Prize by the Newport Garden Club and Newport Horticultural Society, August, 1916. (See illustration, page 270.) \$15.00 each.

Conqueror. This new introduction is an exceedingly strong growing variety, producing large, cup-shaped, fragrant flowers of a deep violet-rose, shaded with white; an early and free bloomer. Awarded First-Class Certificate by the Newport Horticultural Society. \$10.00 each:

Escarboucle. In our trial pond containing over thirty new and rare sorts, the intense color of this variety seemed to catch and hold the eye above all others. The flowers, which are produced very freely, are of good size, 4 to 6 inches across, and of a brilliant crimson-carmine with bright orange centre, the most brilliant hardy Water Lily yet introduced. \$12.50 each.

Formosa. An entirely new color in Water Lilies, being a soft rose pink deepening towards the centre, stamens bright yellow. Medium strong grower and very free-flowering. Awarded a Special Prize by the Newport Garden Club and Newport Horticultural Society, August, 1916. (See illustration, page 270.) \$10.00 each.



James Hudson. A new French Hybrid of merit. The flowers are large, of tulip shape; color rosy purple, speckled and splashed with white; sepals white, centre yellow; free flowering, vigorous grower. \$10.00 each.

Mrs. Richmond. This new variety has enormous floating, cup-shaped fragrant flowers of a tender violet-rose color, with white sepals and yellow centre; a strong, vigorous grower and very free-flowering. One of the most delicate colored and artistic varieties yet introduced. Awarded Certificate of Merit by the Devon Horticultural Society, and first-class certificate by the Newport Horticultural Society. \$25.00 each.

Newton. The flowers of this new variety are made up of numerous long, sharp pointed petals of a rich tyrian-rose color, with long, orange stamens. Sepals white, slightly suffused rose. The whole producing a star effect, quite distinct from any other variety in our collection. The plant is a strong grower, free bloomer, holding the flowers well above the water. Awarded Certificate of merit by the Devon Horticultural Society, and a First-Class Certificate by the Newport Horticultural Society. \$10.00 each.

Odorata, Rose Arey. A new American variety of exceptional merit. The flowers are of medium size, produced freely and held well above the water. Color a clear brilliant coral pink with golden yellow centre. Very fragrant. \$3.00 each.

Sultan. Valuable owing to its extremely free-flowering habit, strong plants having seldom less than six flowers open daily. The flowers are of good size, solferino-red with white shadings and yellow stamens. \$10.00 each.

Tuberosa, Gloire - du - Temple - sur - Lot. One of the most beautiful French varieties yet introduced. The flowers are full double like Richardsons, but of a tender salmon-pink color the first day, fading to white on the third day. The petals are somewhat crinkled, each tip being turned in like a hook, giving the whole

flower a very artistic and fluffy effect. For best results it requires water from 2 to 3 feet deep. \$10.00 each.



NYPHÆA
WM. FALCONER
Offered on page 272

WATER LILY SEEDS.

See offer on page 100.



VARIETIES ILLUSTRATED

- No. 1 *Nymphæa* Attraction, offered on page 269
 No. 2 " " " " " " 269
 No. 3 " " " " " " 269
 No. 4 " " " " " " 269

Hardy Nymphæas or Water Lilies

We offer on this and the next two pages a complete collection of the choicest standard sorts. We also call special attention to the grand new and recent introductions offered on page 269.

For complete cultural notes see our Water Lily Book. Copies free on application.

Alba. The well-known white European Water Lily. Strong flowering roots. 50 cts. each; \$5.00 per doz.

Alba candidissima. A very vigorous and desirable variety, much stronger than the type, requiring ample space; flowers large, pure white, sepals occasionally flushed with pink. An early and continuous bloomer. 75 cts. each; \$7.50 per doz.

Laydekeri lilacea. Flowers soft rosy lilac, shaded bright carmine; very free-flowering. \$2.00 each.

Lucida. A free grower and a good bloomer. Flowers large, star-shaped, rosy vermillion, dark centre, stamens orange, leaves blotched reddish-brown; a magnificent variety. \$2.00 each.

Marliacea albida. Large flowers of sparkling whiteness, stamens light yellow; sepals flushed pink, fragrant and produced freely and continuously through the season. 75 cts. each.

Marliacea carnea. Similar to the preceding save in color, which is of a soft flesh-pink, deepening toward the base of the petals. \$1.00 each.

Marliacea Chromatella. Petals and stamens bright yellow, 4 to 6 inches across. A very strong, free and continuous bloomer. One of the best Water Lilies for cutting, which makes it a general favorite, and is also desirable for tubs and pools or lake culture. \$1.00 each.

Marliacea Rosea. A splendid companion to the yellow variety Chromatella, which it resembles in all particulars except color, flowers being a soft rose-pink. \$1.50 each.

Aurora. A unique variety, flowers soft rosy-yellow on first day, changing to deep red on the third day; stamens orange, useful for growing in tubs. \$1.00 each.

Gladstoniana. Flowers pure dazzling white; very large, 6 to 8 inches in diameter; cup-shaped and very massive; a robust grower, requiring plenty of space to develop. One of the best for large pools or lakes. 75 cts. each; \$7.50 per doz.

Gloriosa. A superb variety, flowers 4 to 6 inches across, of perfect form, petals concave; deep carmine-rose, becoming a very dark red late in the season; a very free and continuous bloomer. \$2.50 each.

Helen Fowler. A refined and improved *Tuberosa Rosea*, being a more profuse and continuous bloomer. Color delicate soft pink. Flowers slightly cup-shaped and very fragrant. 75 cts. each; \$7.50 per doz.

James Brydon. Beautiful cup-shaped flowers, 5 to 6 inches in diameter; in color a rich rosy crimson; reverse of petals having a silvery sheen. A strong, vigorous grower and free and continuous bloomer. No collection of Hardy Water Lilies is complete without this splendid variety. \$2.00 each.

Laydekeri purpurata. A most interesting variety of French origin; the flowers are of a rosy-crimson; darker in the centre, outer petals and sepals light rose, stamens reddish orange. \$2.00 each.



VARIETIES ILLUSTRATED.

- No. 1. *Nymphaea Odorata Sulphurea*, offered below
 No. 2. " *Marliacea Rosea*, offered on page 270
 No. 3. " " *Albida*, offered on page 270
 No. 4. " *Odorata W. B. Shaw*, offered below

Hardy Nymphæas

(Continued.)

Marliacea rubra-punctata. Flowers deep rosy-purple, spotted carmine, stamens orange-red. A very choice variety, and a free, continuous bloomer. \$2.00 each.

Mexicana or Flava. The pale yellow Water Lily of Florida. 75 cts. each.

Odorata. The native White Pond Lily of the northeastern United States. Very desirable for planting in quantity in natural ponds for effect and for cut flowers. All Water Lilies of this type are suitable for naturalizing. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

Odorata Gigantea. The native White Lily of the southeastern United States. Flowers pure white, 5 to 7 inches across. A very strong, vigorous grower. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

Odorata Minor. The miniature White Water Lily of the eastern United States. Very dainty and suitable for tubs and small pools. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

Odorata Rosea. The Cape Cod Pink Pond Lily. Clear pink; very fragrant; flowers 5 to 6 inches across. 50 cts. each; \$5.00 per doz.

Odorata sulphurea. One of the very best Hybrid Nymphæas. The fragrant flowers are sulphur-yellow, 4 to 5 inches in diameter, and standing 3 to 4 inches out of the water. 75 cts. each.

Odorata sulphurea grandiflora. Very similar to the foregoing. Plants more vigorous. \$1.00 each.

Odorata W. B. Shaw. This magnificent Water Lily has large, fragrant flowers of a rich clear rose-pink; strong grower and continuous bloomer. 75 cts. each; \$7.50 per doz.

Pygmæa. The Japanese White Water Lily, bearing multitudes of miniature flowers one and a half to two and a half inches across. A little gem and suitable for growing in aquariums, tubs or shallow pools. 75 cts. each.

Pygmæa Helvola. A miniature yellow Water Lily, suitable for tubs, aquariums or marginal planting. A very free bloomer. 75 cts. each; \$7.50 per doz.

Robinsoni. The large floating flowers of this distinct and striking variety are difficult to describe, but may be said to have a ground color of yellow overlaid with purplish-red, the general effect being dark orange-red. \$2.50 each.

Tuberosa. A native white variety of very strong growth, flowers from four to nine inches across, produced in moderate quantity. The various varieties of the Tuberosa are suitable for planting in deep water, and should have plenty of room to spread, and should not be planted with other varieties unless the roots are confined in tubs or boxes, otherwise they will crowd out the smaller growing varieties. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

Tuberosa Maxima. A free-flowering variety of the above; flowers from four to eight inches across; pure white and very fragrant. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

Tuberosa rosea. Flowers an exquisite shade of pink, standing above the water. A good, vigorous grower, of the easiest culture. 50 cts. each.



NYMPHÆA TUBEROSA RICHARDSONI

HARDY NYMPHÆAS.

(Continued.)

Tuberosa Richardsoni. This variety should be included in every collection. Flowers pure white and quite double, the stamens being converted into petals which are more or less fluted in the centre. The flowers stand well above the water, the sepals and outer petals drooping, forming a perfect globe. No variety in our Water Garden is admired by visitors more than this. The immense snowball-like flower, 8 inches in diameter, was declared to be the finest White Lily of all. (See cut.) 50 cts. each.

Wm. Doogue. A magnificent Lily of chaste and delicate coloring, flowers $5\frac{1}{2}$ to 6 inches in diameter, beautifully cup-shaped and of a pleasing shell-pink color, with royal pink sepals. A very symmetrical and distinct flower of great substance, with petals of an extraordinary width; of free growth and flowering continuously throughout the season. \$1.50 each.

Wm. Falconer. Flowers of an intense bright garnet color, with a good ruby tone through it, intensified by the rich golden centre. \$5.00 each.

Aquatic Plants for Aquariums

There is a rapidly-growing taste for the culture of fancy fish and aquatic plants in Aquariums, and it is doubtful if anything is more fascinating to the young, as well as to the older members of the household, than to watch the development of animal and plant life in the aquaria. It is necessary to secure and maintain the proper balance between plant and animal life, as fish will not thrive unless enough plants are growing to furnish them with oxygen. To do this there should be not less than one plant to every two gallons of water. The ideal temperature is about 50 degrees, and a shady corner, or a window facing north, is best during the summer, and an east window during the winter. If the proper balance is maintained, it will not be necessary to change the water more than three or four times a year. The list of plants offered below are the best-known oxygenators:

Anacharis Canadensis Gigantea (*Giant Water Weed*).

A beautiful submerged plant with dark green ovate leaves and light stems; of quick growth. The best oxygenator and a splendid Aquarium plant. 15 cts. each; \$1.50 per doz.

Cabomba Viridifolia (*Washington Grass*). A pretty and popular submerged plant; leaves brilliant, glossy green, fan-shaped, regularly cut and more beautiful than the most delicate fern. 15 cts. per bunch; \$1.50 per doz.

Sagittaria Sinensis (*Giant Sagittaria*). Leaves dark green; broader and stronger than *S. Natans*, and a free grower; the best form for the Aquarium. 15 cts. each; \$1.50 per doz.

Salvinia Braziliensis. This pretty little floating aquatic is suitable for all aquaria. The leaves are a soft green, covered with a delicate hairy surface. 15 cts. per bunch; \$1.50 per doz.

Vallisneria Spiralis Italian Type (*Eel Grass*). A submerged plant with long ribbon-like leaves. This is the best of the Vallisnerias, a free grower and a good oxygenator. 25 cts. each; \$2.50 per doz.

Ludwigia Mulertii. One of the prettiest of the submerged plants. The small, ovate leaves, green above and pink on the under side, are very attractive and entirely distinct from all other Aquarium plants. 25 cts. each; \$2.50 per doz.

Sagittaria Natans. This plant is indispensable for the Aquarium; its long strap-like green leaves resemble the well-known *Vallisneria*. 15 cts. each; \$1.50 per doz.



A NICELY ARRANGED AQUARIUM

**DREER'S
WATER LILY BOOK**

Free to customers on application

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

Miscellaneous Aquatics

The varieties offered on this and the next page forms a most interesting collection, many of them indispensable for marginal planting, etc. The sorts prefixed * are hardy.

* **Acorus Japonicus Variegatus** (*Variegated Sweet Flag*). A beautiful variegated-leaved plant, useful for planting on margins or in bog gardens. 25 cts. each; \$2.50 per doz.

* **Anacharis Canadensis Gigantea**. See Aquarium Plants, page 272.

* **Aponogeton Distachyon** (*Cape Pond Weed*). Flowers pure white with black stamens and sweet Hawthorn fragrance. If planted near springs where the water seldom freezes, but is always cool, this lovely aquatic will bloom the entire year, producing hundreds of flowers which are very choice for cutting. 25 cts. each; \$2.50 per doz.

* **Cabomba Viridifolia**. See Aquarium Plants, page 272.

* **Caltha Palustris** (*Marsh Marigold*). Bright yellow flowers, produced early in spring. 25 cts. each; \$2.50 per doz.

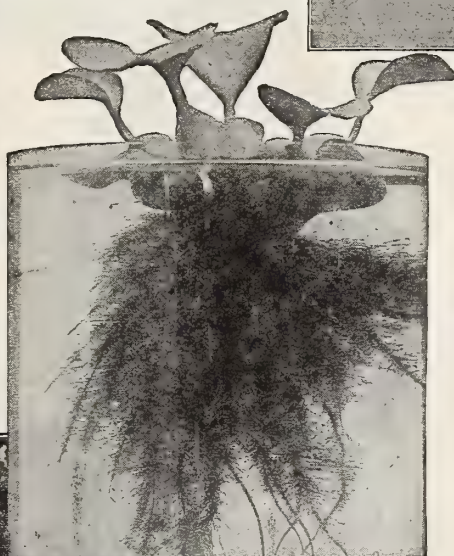
* **Caltha Palustris Fl. Pl.** Double golden-yellow flowers, resembling a Double Begonia. 35 cts. each, \$3.50 per doz.

* **Cyperus Adenophorus**. A species from Brazil, growing about 2 feet high and producing umbels of pretty whitish-green flowers; very ornamental and suitable for pot culture and marginal planting. 25 cts. each; \$2.50 per doz.

Cyperus Alternifolius. An excellent plant for growing in water or damp places; will thrive in any good soil, and always presents a green and attractive appearance. 15 cts. and 25 cts. each; \$1.50 and \$2.50 per doz.



APONOGETON DISTACHYON



EICHHORNIA (Water Hyacinth)

in tubs, \$2.50 each.

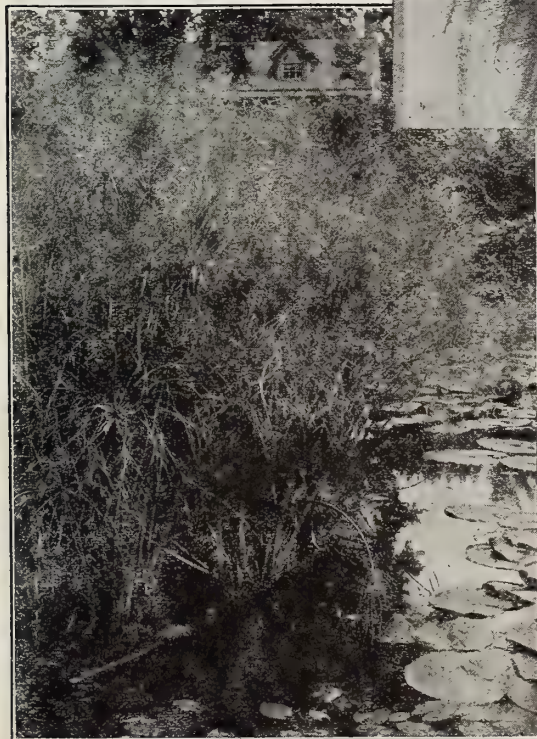
Eichhornia Azurea. This species of "Water Hyacinth" requires to be planted in soil where the water is shallow, produces large spikes of flowers, of a lovely shade of lavender-blue, with a rich purple centre; petals delicately fringed, 50 cts. each.

Eichhornia Crassipes Major (*Water Hyacinth*). A very free-growing and showy floating aquatic, bearing flowers of a delicate lilac-rose in trusses like a Hyacinth. Does splendidly outdoors in summer. 15 cts. each; \$1.50 per doz.

Jussiea Longifolia. A very attractive and desirable aquatic, growing 2 to 3 feet high, erect, slightly drooping at the points, and producing numerous axillary flowers of a rich golden yellow, somewhat like an Evening Primrose. A good plant for tubs or planting on edge of pond. 25 cts. each; \$2.50 per doz.

Limnanthemum Indicum (*Water Snowflake*). A pretty floating plant; each petal of the dainty white flowers resembles a miniature ostrich feather. 25 cts. each; \$2.50 per doz.

* **Limnanthemum Nymphaeoides** (*Villarsia*). A pretty hardy aquatic, with Nymphaea-like leaves and golden-yellow flowers, freely produced. 15 cts. each; \$1.50 per doz.



GROUP OF CYPERUS PAPYRUS AT OUR NURSERY, RIVERTON, N. J.



Miscellaneous Aquatics—Continued

Varieties marked * are hardy.

Limncharis Humboldtii (*The Water Poppy*). A pretty little aquatic, with floating leaves and yellow, poppy like flowers; makes a fine show in a tub or pond all summer. 25 cts. each; \$2.50 per doz.

Ludwigia Muleri. See Aquarium plants, page 272.

Myriophyllum Proserpinacoides (*Parrot's Feather*). Long, trailing stems, clothed with whorls of the most exquisite foliage, as delicate as the Cypress Vine. 15 cts. each; \$1.50 per doz.

***Orontium Aquaticum**. Beautiful, velvety green leaves on the upper surface, and a bright, silvery-white color on the back; flowers small; yellow. 15 cts. each; \$1.50 per doz.

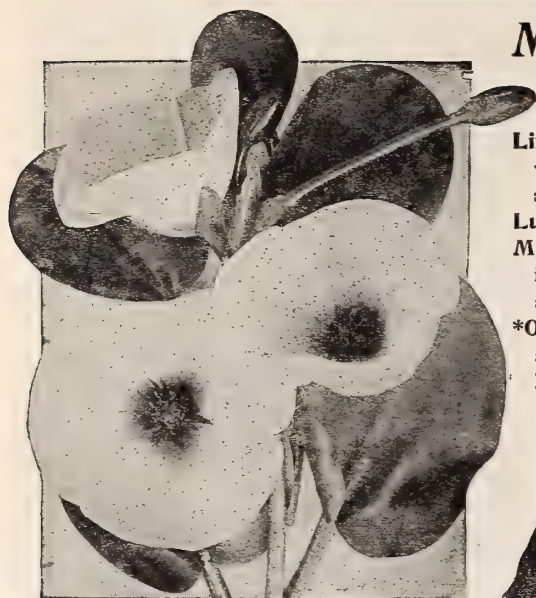
Ouvirandra Fenestralis (*Lace-leaf or Lattice-leaf-Plant*). The chief interest in this plant lies in the remarkable singularity of the leaves, which are of a dark, olive green color, merely a network of vascular tissue, resembling lace or a skeletonized leaf. Requires to be grown in a shady situation.

\$2.50 each.

***Peltandra Virginica** (*Water Arum*).

Leaves something like a Calla in outline, with greenish flowers, growing a foot or more out of the water. 15 cts. each; \$1.50 per doz.

Pistia Stratiotes (*Water Lettuce*). A floating aquatic; forms a rosette of light green velvety leaves. 25 cts. each; \$2.50 per doz.



LIMNCHARIS HUMBOLDTI (*Water Poppy*)

***Pontederia Cordata** (*Pickering Weed*). A free-flowering plant, growing about 2 feet high; spikes of closely-set blue flowers. (See cut.) 15 cts. each; \$1.50 per doz.

Salvinia Braziliensis. See Aquarium plants, page 272.

Sagittaria Montevidensis (*Giant Arrowhead*). Attains gigantic proportions, growing 4 to 5 feet high; leaves 15 inches long; flower-scape towers above the foliage, bearing white flowers with dark blotch at base of each petal; suitable for margins or tub cultivation. 25 cts. each; \$2.50 per doz.

*—**Japonica Fl. Pl.** The double-flowering arrowhead; very desirable for planting in tubs or on margins of ponds and streams. 50 cts. each; \$5.00 per doz.

***Saururus Cernuus** (*Lizard's Tail*). A desirable plant for margins; 2 to 2½ feet high; leaves heart-shaped; fragrant white flowers. 25 cts. each; \$2.50 per doz.

***Scirpus Tabernæmontani Zebrina**. A very ornamental hardy rush, growing 3 to 4 feet high, producing leaves variegated, with alternate bands of green and pure white. It may be grown as an aquatic, or as a garden or window plant. 50 cts. each; \$5.00 per doz.

***Thalia dealbata**. In this stately semi-aquatic we have a fitting companion for *Cyperus Papyrus*. The Canna-like leaves borne on tall slender stems wave with the slightest breeze, and the flowers, which are of a deep plum purple, held well above the foliage, make this one of the most ornamental plants for marginal planting or as a specimen for the centre of a pool. Strong plants, 50 cts. each.

Trapa Natans (*Water Chestnut or Water Caltrops*). An aquatic annual, producing white flowers with purple claws, floating on the surface of the water. Ready May 15th. 25 cts. each; \$2.50 per doz.

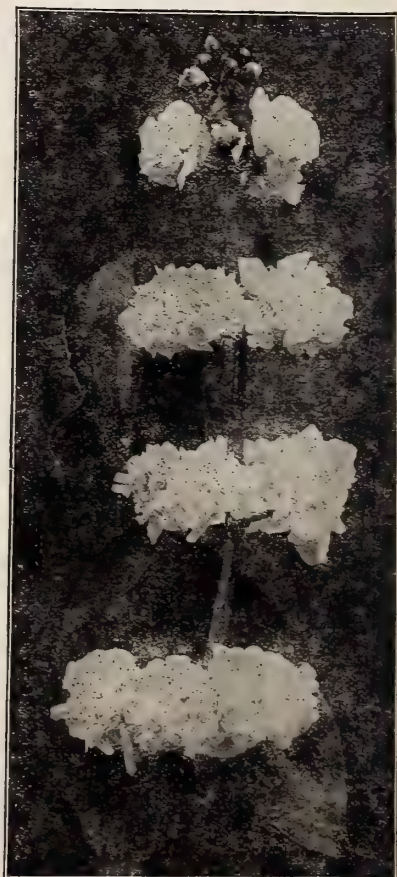
***Typha Latifolia**. The well-known Cat Tail; very desirable for the water garden. 15 cts. each; \$1.50 per doz.

Vallisneria Spiralis (*Tape, Eel Grass or Wild Celery*). A submerged plant with ribbon-like leaves about 6 inches long; free growing and desirable. Useful for planting as food for wild waterfowl. Ready May 15th. 15 cts. each; \$1.50 per doz.; \$8.00 per 100 bunches.

***Zizania Aquatica** (*Wild Rice*). This native aquatic annual is very ornamental; its graceful panicles of blooms are produced on stalks 5 to 10 feet high; a most important article of food for wild water fowl; should be grown in shallow water. 15 cts. each; \$1.50 per doz.; \$6.00 per 100.

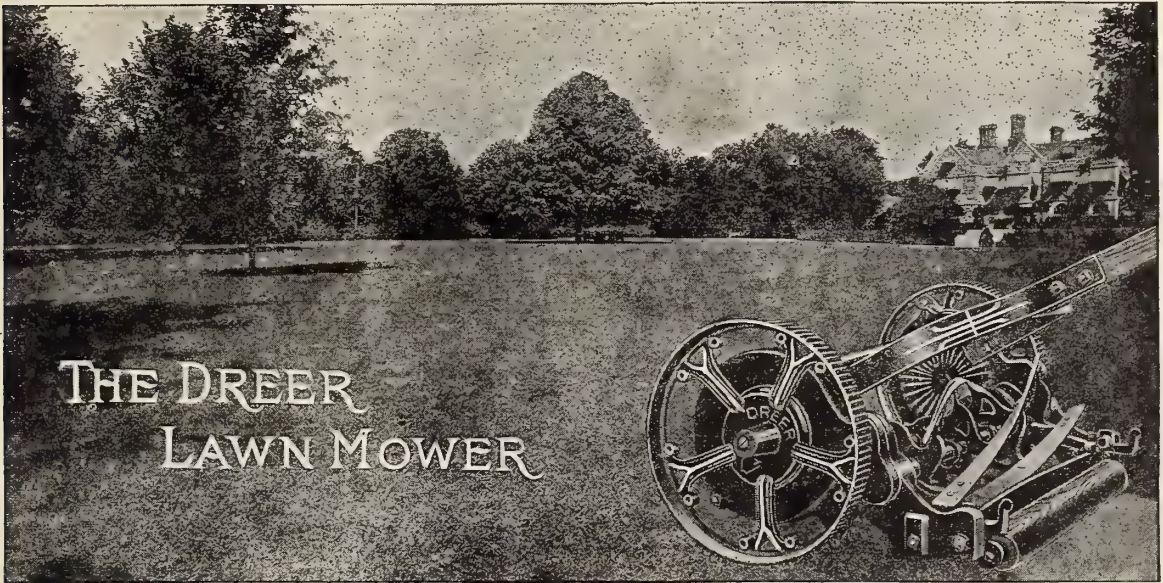


PONTERDERIA CORDATA

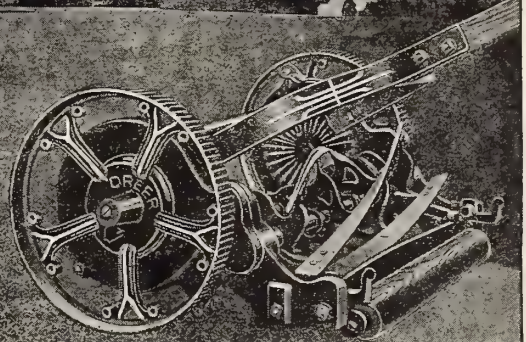


SAGITTARIA JAPONICA FL. PL.

TOOL, IMPLEMENT AND SUPPLY DEPARTMENT



THE DREER LAWN MOWER



The "Dreer" Lawn Mower has no superior, and is now extensively used on private and public grounds. The High Wheel is easiest running, has ten-inch drive wheels, and can be supplied with either four or five blades in the revolving cutter. For frequently mown lawns we advise the five blade machines, as they cut smooth, although the four blades does excellent work. The Low Wheel is built on the same plan, but with four blades only. Grass Catchers can be supplied for both machines when ordered. **The Dreer Lawn Mower is Guaranteed.** We can furnish all repairs at short notice. (Send for special circular).

"DREER" HIGH-WHEEL MOWER.

	With 4 Blades.	With 5 Blades.
15-inch cut	\$13 25	\$14 00
17 " "	14 75	15 50
19 " "	16 25	17 00
21 " "	18 25	19 00

Pennsylvania "Grand" Horse Lawn Mower.

This machine, in addition to the good qualities of the well-known Pennsylvania Horse Mower, has some features that are distinctly its own which recommend it to all who use horse power machines. The operator, without leaving his seat, can instantly change from low to high cut or an intermediate one.

Fitted with handles and draft irons only, the mower can be easily managed on a lawn broken up with trees and shrubbery, or on a small place where it is not essential for the driver to ride. 30-inch cut, 4 blades, \$70 00; 6 blades.....\$78 00
38 " " 4 " 92 00; 6 " 100 00

With shafts, seat and footboard. as illustrated below, add \$12.00 to the 30-inch and \$13.00 to the 38-inch size.

PENNSYLVANIA HORSE LAWN MOWER.

30-inch cut, 4 blades, \$65 00; 6 blades.....	\$73 00
38 " " 4 " 85 00; 6 "	93 00
Shafts, Seat and Footboard for either size, extra.....	12 00
25-inch Pony Mower, 4 blades, \$32 50; 6 blades.....	38 50

"DREER" LOW WHEEL MOWER.

12-inch cut, with 4 blades.....	\$8 50
14 " " " "	9 50
16 " " " "	10 50
18 " " " "	11 50

GRASS CATCHERS FOR "DREER" MOWERS.

12-inch (Low Wheel) ..	\$1 60	15-inch (High Wheel) \$1 90
14 " " " " ..	1 80	17 " " " " .. 2 00
16 " " " " ..	1 90	19 " " " " .. 2 10
18 " " " " ..	2 00	21 " " " " .. 2 25

PHILADELPHIA HORSE LAWN MOWER.

30-inch cut, with draft iron and handles.....	\$70 00
35 " " " " " "	80 00

COLDWELL LAWN HORSE MOWER.

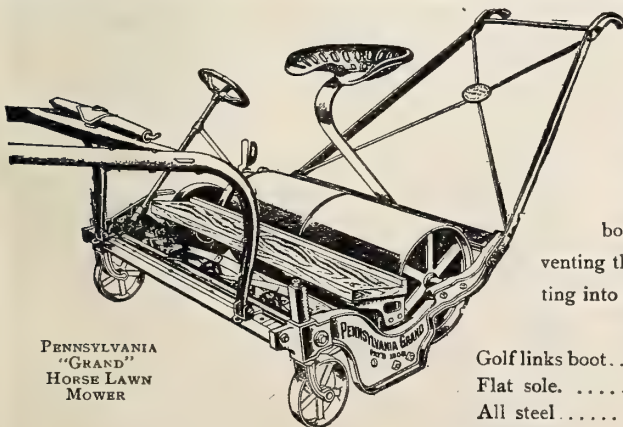
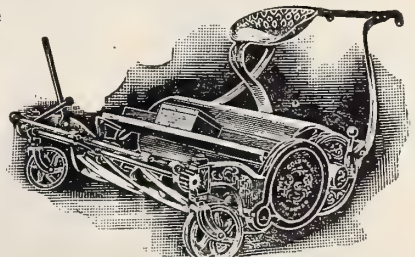
A good machine, in use in many public parks and private estates. Price complete with shafts, seat and side draft attachment, which keeps the horse on the cut grass; 30-inch cut, \$70.00; 35-inch, \$85.00; 40-inch, \$115.00; 25-inch Pony, without shafts, etc., \$42.50.

OILERS.

Coppeirzed steel, 30 cts.; extra large, 40 cts.; zinc, 20 cts.

HORSE LAWN BOOTS.

It is important in the early spring, when the ground is soft, and during the season, especially after rains, to use boots, thereby preventing the horse from cutting into the sod.



PENNSYLVANIA
"GRAND"
HORSE LAWN
MOWER

	PER SET,
Golf links boot.....	\$10 00
Flat sole.	10 00
All steel.....	8 75

Special Lawn Mower Oil 60 cts. per gal.

COLDWELL HORSE LAWN MOWER

We can supply Pennsylvania, Continental and Philadelphia Hand Lawn Mowers also Motor Power Motors Write for Catalogues and prices.

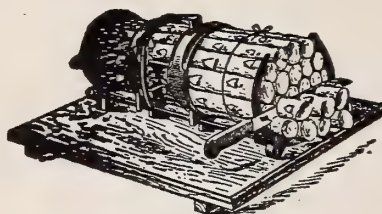
THIS department aims to keep every first-class Tool and Implement needed for the easy and rapid cultivation of the Flower and Vegetable Garden, Greenhouse and Farm. Owing to the present unsettled conditions, prices on Tools and Sundries are subject to change without notice.



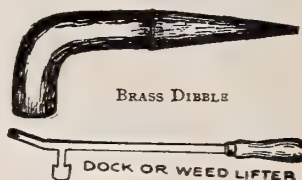
STABLE PUSH BRUSH



WIRE CARNATION SUPPORT



PHILADELPHIA ASPARAGUS BUNCHER



BRASS DIBBLE



PERFECTION FUMIGATOR



WIRE FRUIT PICKER



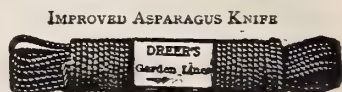
SCHNEIDIG PATENTED FRUIT PICKER



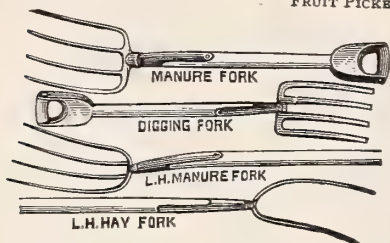
DIAMOND GLASS CUTTER



ASPARGUS KNIFE



IMPROVED ASPARAGUS KNIFE



MANURE FORK

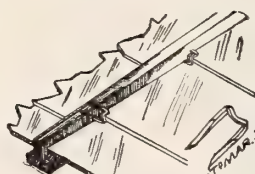
DIGGING FORK

L.H. MANURE FORK

L.H. HAY FORK



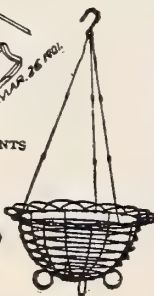
GRASS HOOK OR SICKLE



PEERLESS GLAZING POINTS



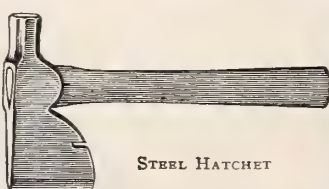
GRAFTING TOOL



WIRE HANGING BASKET



GARDEN REEL



STEEL HATCHET



HAND WEEDING FORK



FUMIGATING LAMP

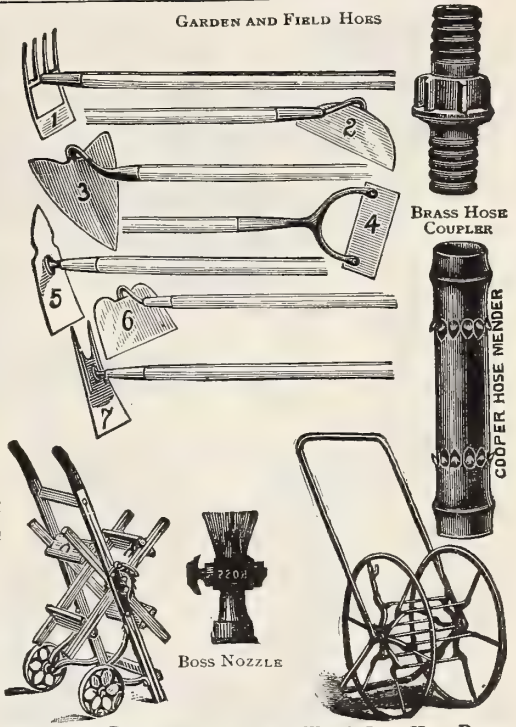
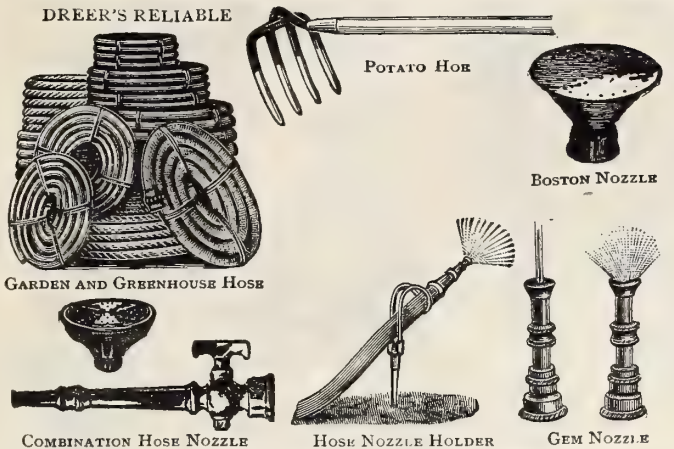


PRUNING AND GARDEN GLOVES



GRASS EDGING KNIFE

- Asparagus Buncher.** Acme, \$2.00; Philadelphia, \$2 00
Asparagus Knife. American, 35 cts.; Improved, 50
Axe. Best quality, heavy, \$1.25; medium, \$1.15; light, 1 00
Bill Hook. Short handle, \$1.25; long handle, 2 00
Brooms. (Stable.) Push, rattan or cocoa, 85
 " Upright, corn and rattan, 50 and 60
Carnation Supports. Wire, 2 ring, doz., 60 cts.;
 100, \$4.00; 3 ring, doz., 75 cts.; 100, 4 50
Dibbles. All iron, 40 cts.; iron point, 50 cts.; brass point, 60
Dock Extractors. Heavy, for field use, 2 50
 " or Weed Lifter. Small, 17 inches, 65 cts.;
 large, 25 inches, 75
Forks. Hand-weeding, steel, 30 cts.; long handle, 40
 Digging or spading, 4-pronged, D handle, \$1.00; 5-
 pronged, \$1.25; boys' or ladies, 4-tine, 75
 Manure, long handle, 4-tine, heavy, 85 cts.; 5-tine, 1 00
 Manure, D handle, 4-tine, medium, \$1.00; 5-tine, 1 25
 Hay, long handle, 2-tine, 85 cts.; 3-tine, 1 00
Fumigators. Perfection and Eureka. The Perfection
 is made with vapor tank. The vapor prevents scorch-
 ing and makes the smoke more effective.
 No. 1 Greenhouse, 10x 20 ft.; Eureka, \$1.50; Perfection, \$3 60
 No. 2 " 12x 40 ft.; " 2.10 " 4 20
 No. 3 " 15x100 ft.; " 2.70 " 4 80
 No. 4 " 20x100 ft.; " 3.90 " 6 60
Fumigating Lamp (metal). For vaporizing nicotine, 50
Fruit Pickers. Wire, 35 cts.; Schneidig, with bag attached, 50
Garden Reels. Iron, small, 75 cts.; large, 1 00
 Galvanized, single, \$1.50; double, heavy, 2 00
Garden Lines. Best Italian Hemp, 30 ft. 25 cts.; 60
 ft., 50 cts.; 90 ft., 75 cts.; 120 ft., \$1.00; 150 ft., \$1.25
 180 ft., \$1.50; 240 ft., \$2.00; 300 ft., heavy, 2 50
Garden Tool Sets. Childrens', 75 cts.; Ladies', large size, 1 00
Glass Cutter. Diamond, \$3.00 and \$4.00; steel wheel, 15
Glazing Points. Peerless (Improved Van Reyper)
 made in three sizes, viz.: No. 1, for small single thick
 glass; No. 2, for medium double thick glass; No. 2½,
 for large double thick and skylight glass. Price, per
 1000, 60 cts.; postpaid, 75
Glazing Points. Siebert's (Zinc brads), 1000 to 1200
 to the pound, sizes ½ and ¾-inch long, per pound, 75
Gloves. Used for gardening or pruning thorny plants, 1 25
Grass Edging Knives. With handles, English steel,
 8 in., \$1.50; 9 in., \$1.75; American steel, 9 in., 75
Grass Hooks or Sickles. English, riveted back, No.
 0, 50 cts.; No. 1, 55 cts.; No. 2, 60 cts.; No. 3, 65
 Little Giant, 50 cts.; American, 25 cts.; Dutch, 30
Grafting Tool. Small, 75 cts.; large (see illustration), 1 00
Grafting Wax. ½ lb., 10 cts.; ¼ lb., 15 cts.; 1 lb., 30
Grape Bags. Paper, plain, per 100, 20 cts.; per 1000, 1 50
 With wire, per 100, 30 cts.; per 1000, 2 75
Hanging Baskets. Galvanized wire, 8 in., 15 cts.; 10
 in., 20 cts.; 12 in., 25 cts.; 14 in., 35
Hammers. Claw, medium weight, 75 cts.; stone, 75
Hatchets. Medium or heavy, 75



Hose Rubber. Dreer's Reliable Garden and Greenhouse Hose.

Challenge, 3-ply, $\frac{3}{4}$ in., per ft. 10c.	Riverton Moulded, $\frac{1}{2}$ -in., per ft. 14c.
Extra quality " " " 12c.	" " " $\frac{3}{4}$ -in., " 16c.
Fine " " " 15c.	Chicago Electric, $\frac{3}{4}$ -in., " 18c.
Fine " " 4-ply " 18c.	Wire-wrapped, $\frac{3}{4}$ -in., " 16c.

Hose Nozzles. Boston, coarse or fine, 60 cts.; Boss, 50 cts.; Gem, 45 cts.; brass combination, rose and stream..... \$1 00

Hose Nozzle Holder. Wire. (See illustration)..... 15

Hose Clamp. (Sherman's), each, 5 cts.; per doz..... 50

Hose Couplers. Brass, $\frac{3}{4}$ -in., per pair, 15 cts.; per doz. pairs 1 75

Hose Menders. Jones, iron, each, 5 cts. per doz..... 50

Cooper's, brass, each, 10 cts.; per doz..... 1 00

Hudson, six tubes, pliers and bands, 65 cts.; postpaid..... 75

" extra tubes, doz., 40 cts.; bands, doz..... 20

Hose Reels. Wood, to hold 50 feet, \$1.75; to hold 100 ft... 2 00

Wirt's Iron, No. 1, to hold 50 ft., \$1.75; No. 10, 100 ft., \$3.00; No. 20, 150 ft., \$3.50; No. 30, 500 ft..... 5 50

Hoes. Celery, 15-in. blade, \$1.25; Grubbing..... 1 25

Weeding (Fig. 1), with 4-tooth rake, 50 cts.; 6-tooth rake... 60

Half Moon (Fig. 2), 3-in., 40 cts.; 4-in., 45 cts.; 5-in., 50 cts.; 6-in., 55 cts.; 7-in., 60 cts.; 8-in..... 65

Warren (Fig. 3), 3 sizes, 65 cts., 70 cts. and..... 75

Scuffle (Fig. 4), 4-in., 55 cts.; 5-in., 60 cts.; 6-in., 65 cts.; 7-in., 70 cts.; 8-in., 75 cts.; 9-in., 85 cts.; 10-in..... 1 00

Garden (Fig. 5), 1 pt., 40 cts.; (Fig. 7), 2 pt., 45 cts.; 3 pt. 50

Square (Fig. 6), 6-in., 50 cts.; 7-in., 55 cts.; 8-in..... 60

Potato, 4-pronged, 60 cts.; Mehler's Handy Hoe..... 1 00

House Frame. 12 x 16 in., for raising young plants..... 1 50

Hotbed Sash. Unglazed, \$1.75; glazed and painted..... 4 00

Sunlight Sash. A double Sash with many advantages; never has to be covered, retains the heat, excludes the cold, glass slips in, no putty, easily repaired. 3 x 6 ft., unglazed, unpainted, each, \$2.25; 3 x 6 ft., glazed and painted, \$4.65 each. Special prices on lots of 6 or more.

Hotbed Mats. Straw, 3 x 6 ft., \$1.25; 6 x 6 ft..... 1 75

Burlap, 40 x 76-in., \$1.75; per doz., \$19.00; 76 x 76-in., \$2.75; per doz..... 30 00

Knives. Pruning, American, 50 cts., 75 cts. and..... 1 00

Pruning, Imported Stag, \$1.00, \$1.15 and..... 1 25

Budding, Dreer's Special, 75 cts. and..... 1 00

" Ivory handle, 90 cts. and..... 1 00

Corn and Hedge, American, 40 cts.; Little Giant..... 50

Brush, American, \$1.00; English..... 1 75

Gooseberry, Raspberry and Currant pruning..... 1 00

Labels. Wood, painted, for pots:

Size.	Per 100.	Per 1000.	Size.	Per 100.	Per 1000.
4-inch.....	\$0 15	\$1 00	6-inch.....	\$0 30	\$1 50
4½ ".....	20	1 10	8 ".....	50	4 00
5 ".....	25	1 30	10 ".....	60	5 00
			12 ".....	75	6 50

¾-in. wood, for trees, shrubs, etc., copper wired, 25 1 75

Copper, indestructible, No. 2, heavy, doz., 30 cts.; gross..... 2 50

" " " light, doz., 25 cts.; gross..... 2 00

White Metal, per doz., 15 cts.; per gross..... 1 25

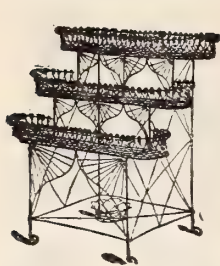
Zinc, small, 100, \$1.00; medium, \$1.50; large..... 3 00

All Proof Labels, Glass front, 8 in., per doz., 75 cts.; 100.... 6 00

Label Ink. Indelible, for zinc labels, per bottle..... 25

Label Pencils. Special black, each 5 cts.; per doz..... 50





SQUARE WIRE PLANT STAND



OLMSTED MOLE TRAP

MEHLER'S HANDY GARDENER
Patented Nov. 8, 1910

MATTOCK

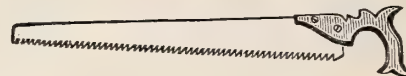
STEEL PICK



CORN HUSKING PIN

WIRE POT
HANGERDREER'S IRON PLANT
STAND

POT BRACKET



TREE PRUNING SAW



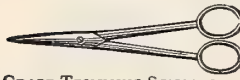
FLOWER GATHERER



PRUNING SCISSORS

FLOWER AND GRAPE
GATHERING SCISSORS

DREER'S SPECIAL SHEAR



GRAPE TRIMMING SCISSORS



FRENCH SHEAR



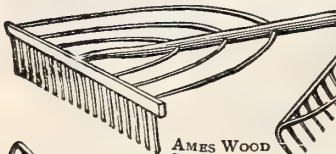
GRAPE SHEAR



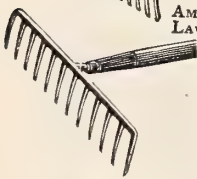
PERFECTION SHEAR



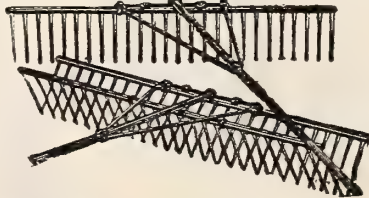
ENGLISH LAWN SCYTHE

AMES WOOD
LAWN RAKE

STEEL BOW RAKE



LAWN KING RAKE



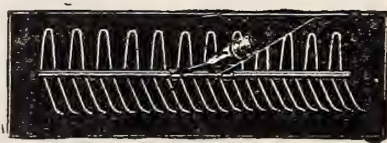
AUTOMATIC SELF-CLEANING RAKE



STEEL GARDEN RAKE



CAHOON SEED SOWER



HUSTLER LAWN RAKE (WIRE)

Mattocks.	Light, 90 cts.; medium, \$1.00; heavy...	\$1 15
Mehler's Handy Gardener.	Combined garden tool...	75
Mole Traps.	Olmsted (one of the best), \$1.50; Reddick	1 00
	Out-O-Sight.....	75
Pins, Husking.	Stamped steel, 15 cts.; solid steel...	25
Pot Brackets.	One pot, 30 cts.; two pots.....	60
Pot Hangers.	For 5, 6, 7, 8 in. pots, each 5 cts.; doz.	50
Plant Stands (Wire).	2-shelf, square or half-round.	3 50
	3 " " " " " "	4 50
	3 " " " " collapsible...	2 50
	3 " " " " "	3 50

Plant Stands, Iron, Dreer's:

SIZE.	BLACK.	GALVANIZED.	SIZE.	BLACK.	GALVANIZED.
15-in.	\$0 60	\$0 80	30-in.	\$1 05	\$1 35
18 "	70	95	36 "	1 25	1 50
24 "	85	1 15			

Plant Bed Protecting Cloth. A substitute for glass.

Light grade, 6 cts. per yard; piece of 65 yards, 5½ cts. per yard. Medium grade, 10 cts. per yard; piece of 60 yards, 9 cts. per yard. Heavy grade, 14 cts. per yard; piece of 50 yards at...

Picks. Light, 80 cts.; medium, 90 cts.; heavy..... 1 00

Rakes. Gravel, with short teeth; for walks and driveways, 14 teeth, 60 cts.; 16 teeth, 65 cts.; 18 teeth... 70

Steel Garden, 8 teeth, 45 cts.; 10 teeth, 50 cts.; 12 teeth, 55 cts.; 14 teeth, 60 cts.; 16 teeth..... 65

Bow steel, 9 teeth, 50 cts.; 11 teeth, 60 cts.; 13 teeth, 65 cts.; 15 teeth..... 70

Hustler, galv., steel wire, 24 teeth, 50 cts.; 36 teeth... 75

Lawn King, wood, 22 teeth, 40 cts.; 26 teeth, 50 cts.; 38 teeth, 75 cts.; 50 teeth..... 1 00

Automatic, self-cleaning, wood, 22 teeth, 60 cts.; 26 teeth, 70 cts.; 38 teeth, \$1.00; 50 teeth..... 1 50

Ames, wood, 24 teeth, 70 cts.; Globe, wood, 20 teeth. 40

Ole Olsen, 25 teeth, close set..... 50

Raffia. For tying plants. Per lb., 25 cts.; 5 lbs.... 1 00

Saws. Pruning, 14-inch, 60 cts.; 16-inch, 70 cts.; 18-inch, 80 cts.; 20-inch, \$1.00; 24-inch..... 1 25

Double edge, "Lightning," 16-inch..... 65

Adjustable Pole Tree-Saw, 18-inch blade, without pole 75

Scissors. Thinning, 6-in., \$1.00; 7-in., \$1.15; 8-in... 1 25

Flower gathering, 6-in., \$1.00; 7-in., \$1.15; 8-in.... 1 25

Pruning, 4-in., 90 cts.; 5-in., \$1.15; 6-in., \$1.45; 7-in. 1 70

Scythes. English lawn, rivetted back, 30 and 32-in., \$1.25; 34-in., \$1.30; 36-in., \$1.35; 38-in..... 1 40

Waldron, English lawn, solid, 36-in..... 1 50

American Lawn, \$1.00; Bush, short..... 90

Scythe Stones. English, 25 cts.; Darby, 10 cts.; Carborundum..... 25

Scythe Snath. Improved pattern..... 75

Seed Sower. Cahoon, broadcast..... 3 25

Shears, hand-pruning. Dreer's Special, 9-in., heavy. 1 50

French, 7-in., \$1.50; 8-in., \$1.75; 9-in..... 2 00

Perfection, 7-in., \$2.00; 8-in., \$2.25; 9-in..... 2 50

German, first quality, 8-in., \$1.00; 9-in., \$1.25; second quality, 8-in., 50 cts.; 9-in., 75 cts.; 6-in. Ladies Nickel 1 00



CLIPPER LOPPING SHEAR

LOPPING SHEAR

BORDER SHEAR

ADJUSTABLE POLE TREE SAW

Shears. Grass border, 8-in. blade, \$2.50; 10-in., ... \$3 00
 With wheel, 8-in. blade, \$3.00; 10-in. 4 00
 Lawn, 2 wheel, 9-in. blade, for under trees and fences 3 50
 Hedge, English, 8-inch, \$1.75; 9-inch, \$2.00; 10-inch 2 25
 Lopping Clipper, 20-in., \$1.25; 23-in., \$2.25; 25-in. 2 50
 English, 27-in., \$2.75; 31-in., \$3.25; 38-in., \$3.75; 44-in. 4 00
 Tree-pruning, Water's, 4 ft., 75 cts.; 6 ft., 85 cts.; 8 ft., \$1.00; 10 ft., \$1.15; 12 ft. 1 25
 Tree Pruner, compound lever; 8 ft., \$2.00; 10 ft., \$2.25; 12 ft., \$2.50; 14 ft. 2 75
 Tree Pruning, Telegraph, without pole. 1 00
 Sheep or grass, English, 7½-inch, \$1.00; with inside spring, \$1.15, American, 25, 35, 50, 75 and 85
Sieves. Extra heavy, 18-in., 75 cts.; 20-in. 85
Shovels. (Fig. 3), round point, D handle. 1 25
 (Fig. 1), square point, D handle, \$1.25; Maynard's. 1 50
 (Fig. 2), long handle, \$1.25; Ames', \$1.40; Maynard's 1 50
Spades. (Fig. 4), Dreer's Special, \$1.25; Ames', \$1.40; Maynard's solid steel, \$1.50; Special Turfing.. 3 50
Spuds. (Weeders.) Long handle, 75 cts.; Dandelion 25
Stakes. Light tapering, round, painted green:

1½ ft., doz., 25c., 100, \$1 35	3 ft., doz., 70c., 100 \$4 50
2 " " 35c., " 2 25	3½ " " 80c., " 5 25
2½ " " 50c., " 3 50	4 " " 95c., " 6 00
	5 " " \$1 00 " 7 00

Heavy Rose or Dahlia. Round, painted green:
 3 ft., doz., 85c.; 100, \$5 75
 4 " " \$1 25; " 8 00
 5 ft., doz., \$1 50; 100, \$10 00
 6 " " 1 75; " 12 00

Square. Painted green. A good strong stake:

1½ feet. 25 cts., \$1 35	3½ feet. 80 cts., \$5 50
2 " " 35 " 2 00	4 " " \$1 00 6 50
2½ " " 50 " 3 00	5 " " 1 20 8 50
3 " " 70 " 4 75	6 " " 1 50 10 50

Plain unpainted Dowels:

Length.	Diameter.	Per 100.	Per 1000.
42 inches,	1 inch,	\$0 95 cts.;	per 1000 \$7 50
42 "	" " " "	1 00 " " "	 8 00
42 "	" " " "	1 35 " " "	 11 00
36 "	" " " "	95 " " "	 7 50

Dyed Green. Add 15 cts. per 100; \$1.00 per 1000.

Galvanized hand drawn steel, No. 10. Wire stakes:

	Per 100.	Per 1000.		Per 100.	Per 1000.
2 feet.	\$1 00	\$ 9 00	4 feet.	\$1 80	\$14 50
2½ " " " "	1 25	9 75	4½ " " " "	1 90	16 00
3 " " " "	1 35	11 00	5 " " " "	2 10	17 00
3½ " " " "	1 60	12 75	6 " " " "	2 25	19 00

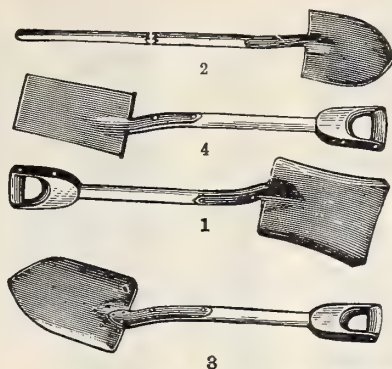
 Western Cane Stakes, 6 to 8 feet long, per 100. 1 00

Syringes. Brass.

No. A steam and spray, \$2 50	No. H, with spray only \$2 75
" C " " " 3 50	Atomizers, Tin, .35c. and 50c.
" 2 " " 2 sprays 4 25	" Brass, 75c. and \$1 00
" 3 " " 2 " 5 75	Automatic, compressed
" 5 " " 2 " 6 50	air, Brass 1 50

Trowels. American steel, 10 cts., 20 cts. and. \$0 25
 English, pattern, steel, strong, 6-in., 50 cts.; 7-in. 60
 Cleves', Angle or Curved Transplanting, 5-in., 15c.; 8-in. 25
 Tomato, 75 cts.; Berry, 30 cts.; Transplanting. 50
 Steel shank, extra fine quality (heavy). 65

SHOVELS AND SPADES



8



SCYTHE STONES

LAWN SHEAR



HEDGE SHEAR

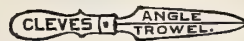


2

5 BRASS GARDEN AND GREENHOUSE SYRINGES



PLANT STAKES



CLEVES' ANGLE TROWEL



STEEL SHANK TROWEL (EXTRA HEAVY)



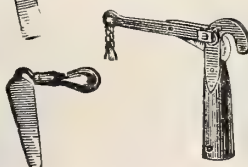
ENGLISH PATTERN STEEL TROWEL



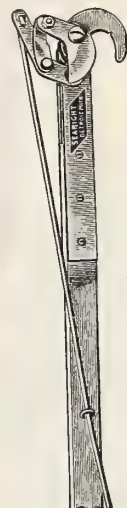
TOMATO TROWEL



WATERS IMPROVED TREE PRUNER



TRANSPLANTING TROWEL



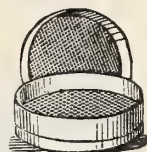
COMPOUND LEVER TREE PRUNER



GRASS SHEAR



STEEL SPUD

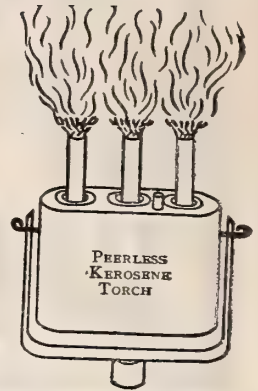
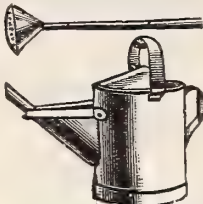


SOIL SIEVES

DREER'S RELIABLE THERMOMETERS.

HOTBED, DAIRY,
OR
MUSHROOMCOPPER
CASESELF-
REGISTERINGDREER'S
SPECIALWIRE TRELLIS
FOR VINES.
SPECIAL SIZES
MADE TO ORDER

ASBESTOS TORCH

PEERLESS
KEROSENE
TORCHOVAL GALVANIZED
WATERING CAN.ROUND GALVANIZED
WATERING CANLIGHT GALVANIZED
WATERING CAN.

EXCELSIOR WEEDER

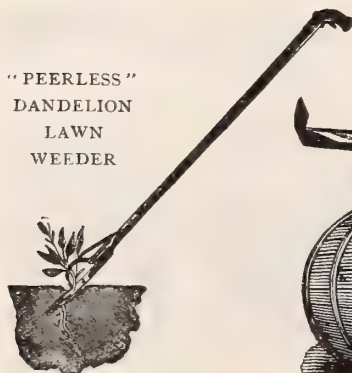
THE MODEL
TOMATO SUPPORT.

PONY OR
TOMATO TRELLISEUREKA
WEEDER

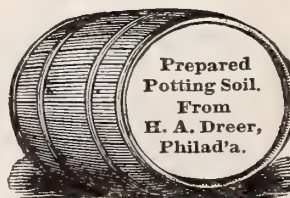
RAFFIA

TREE
SCRAPER

JUTE TYING TWINE

PUTTY
DISTRIBUTOR"PEERLESS"
DANDELION
LAWN
WEEDER

LANG'S WEEDER

Prepared
Potting Soil.
From
H. A. Dreer,
Philad'a.

Thermometers. While we use great care in packing, thermometers are shipped at purchaser's risk only.

Dreer's Special, oxidized scales, 8 in., 75 cts.; 10 in. \$1 00
Tin, Janned, tested, 8 in., 75 cts.; 10 in. \$1.00; 12 in. 1 25
Copper case, tested, 8 in., \$1.10; 10 in. 1 40
Conservatory, porcelain, scale, large figures, 75 cts. and 1 00
Self-registering, tin case, \$3.00; copper case. 3 50
Hotbed or Mushroom, iron point, \$1.25; brass point. 2 00
Dairy or hotbed (glass). 50

Torch for burning caterpillars' nests. Asbestos, 40 cts.;
Peerless kerosene. 50

Tree Scrapers. Steel 10 and 20 in. handle. 60

Trellis. Pæony or Tomato (Wire), each 25 cts.; doz. 2 50

Trellis. Pæony or Tomato (Wood) each 25 cts.; doz. 2 50

Trellis Wire (see illustration). For small vines, etc. 40

Watering Cans. Galvanized. Two qualities, heavy and light. The heavy have brass tips and two copper-faced roses; the light has one rose:

	LIGHT ROUND.	HEAVY ROUND	HEAVY OVAL.
4 qt.	\$0 45	\$1 75	
6 "	60	2 00	2 30
8 "	70	2 25	2 60
10 "	80	2 50	2 85
12 "	90	2 85	3 10
16 "	1 00	3 50	

Low, for greenhouse, galvanized. 1 65

Window garden. Light weight, painted green, 2 qts.,

75 cts.; 4 qt., \$1.00; 6 qt., \$1.25

Weeders. Excelsior, 10 cts.; Lang's, 25 cts.; Eureka. 30

(See also Dock Extractors and Spuds). Hazeltine. 30

Peerless Lawn Weeder, \$1.00; Champion Weed Puller 50

Wheelbarrows. Garden. (See page 283.)

SUNDRIES.

Leaf Mould. Sack, barrel quantity, \$2.00; 5 bbls., \$8.75.

Propagating Sand. Peck, 25 cts.; bu., 75 cts.; sack, barrel quantity, \$2.00; 5 bbls., \$8.75.

Prepared Potting Soil. Peck, 25 cts.; bu., 75 cts.; sack, barrel quantity, \$2.00; 5 bbls., \$8.75.

Sphagnum Moss. For growing Orchids and packing plants and trees, etc. Small bale, \$1.25; Large bale, \$2.50.

Jersey Peat. Sack, barrel quantity, \$2.00; 5 bbls., \$8.75.

Oregon Peat. Only for Orchids. Lb., 10 cts.; per bbl., \$2.50.

Green Linen Twine. For Smilax. Lb., 85 cts.

Green Cotton Twine. For tying. Lb., 65 cts.

White Cotton Twine. For tying. Lb., 30 cts.

Jute Twine. For tying plants and vegetables. 2, 3, and 5-

ply. Ball, 12 cts.; lb., 22 cts.

Silkline. A strong green thread for tying plants; used for

Smilax and Asparagus Vine. Per spool, 25 cts.; Lb., \$1.75.

Raffia. For tying plants. Per lb., 25 cts.; 5 lbs., \$1.00.

Mastica. A substitute for putty for greenhouse glazing, \$1.50

per gal.; in lots of 5 gals. and over, \$1.40 per gal.

Mastica Machine. For applying Mastica. \$1.50.

Putty Distributor. For Putty or Mastica. \$1.10.

Twemlow's English Liquid Putty. 1 gal., \$1.75; 3

gals., \$5.00; 5 gals., \$8.25; 10 gals., \$16.00.

All prices on Tools, etc., subject to change without notice.



DEMING'S "CENTURY"
BARREL SPRAY PUMP

PERFECT SUCCESS
BUCKET PUMP

DEMING'S SIMPLEX
BARREL SPRAY PUMP

"AUTO" SPRAY PUMP
AND WHITEWASHING
MACHINE

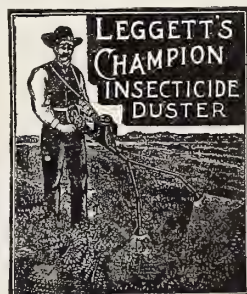
GARDENER'S CHOICE SPRAY OUTFIT

Spraying is essential to produce good crops, and since the introduction of spraying apparatus, which are simple and economical, a complete Spraying Outfit is an indispensable requisite.

Send for "How and When to Spray."

SPRAYERS AND SPRAY PUMPS.

- "Perfect Success" Bucket Pump.** One of the best. Complete with hose and nozzle, \$5.25; with extra 7 ft. length of hose. 6 50
- Success Bucket Pump.** Complete with hose and nozzle 4 85
- Defiance Bucket Pump.** Complete with hose and nozzle 4 00
- Myers' Bucket Pump.** For general use. Very powerful, brass chamber 3 50
- "Success" Knapsack.** (Brass.) Holds 5 gallons. . 18 50
- Auto Spray.** Holds 4 gallons; easily carried; one pumping will spray 10 minutes. Galvanized iron, \$5.00, with Auto Pop Nozzle, \$5.50; Brass, \$8.00, with Auto Pop Nozzle, \$8.50; Auto Pop Nozzle separate, \$1.50; Brass extension rod, 60. Galvanized extension rod. 40
- Perfection Automatic Tank Sprayer.** Complete with hose and nozzle. Galvanized, \$5.50; Brass 8 00
- Auto Spray Pump and Whitewashing Machine.** A general purpose sprayer; fitted with 8 feet of hose, 8 feet extension pipe, with Vermorel nozzle; holds 8 gallons. Galvanized, \$12.00; Brass. 15 00
- Bidwell Automatic Pressure Tank Sprayer.** 10 00
- "Captain" Barrel Spray Pump.** Very powerful, brass chamber with hose and nozzle. 9 75
- Deming's Simplex Barrel Spray Pump.** With agitator and 12½ feet hose and nozzle. 11 00
- Deming's "Gardener's Choice" Spray Outfit.** A tank on wheels, holds 25 gallons, fitted with a powerful pump; complete with hose and nozzle. 22 00
- Deming's "Century" Barrel Spray Pump.** An extra powerful pump; complete with hose and nozzle. . 14 50
- Samson Double-acting High Pressure Pump.** For large orchards. Plain without hose 35.00
- Spray Syringe Atomizer.** Tin, small, 35 cts.; large Brass, small, 75 cts.; large. 1 00
- Brass, automatic compressed air. 1 50
- Iron Extension Rods.** For tree spraying; 4 ft. lengths 25
- Bamboo Extension Rods.** Brass-lined, 8 feet, \$2.75; 10 ft. 3 00
- Woodason's Spray Bellows.** Small, \$1.75; large. . 2 50
- SPRAY NOZZLES.**
- Bordeaux, 85 cts.; Vermorel, 80 cts.; Double Vermorel, \$1.75; Triple Vermorel, \$2.50; Mistry, \$1.20; Mistry, Jr. Demoral, 70 cts.; Winkle Mist. 75
- DRY POWDER DISTRIBUTORS.**
- Tin Dusters.** For spreading dry powders. 50
- Leggett's "Champion" Insecticide Duster.** A powerful machine for orchard and field use. 8 50
- Hand Powder Gun.** Holds 4 ozs., 25 cts.; postpaid. . 30
- Woodason's Double Cone Bellows.** 3 50
- " Large single cone, \$2.50; small single cone 1 50
- " Sulphur Bellows. 1 75
- Peerless Sulphur Machine Blower.** 4 50
- Farmer's Acme Bellows.** 1 00
- Brass Syringes.** Full list of sizes, see page 279.



VERMOREL
NOZZLE



BORDEAUX
NOZZLE



MISTRY NOZZLE



DEMORAL
NOZZLE



MYERS' BUCKET PUMP



"AUTO" SPRAYER AT WORK



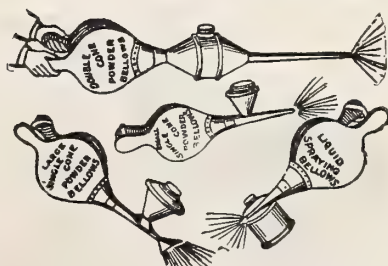
HAND POWDER GUN



TIN POWDER DUSTER



SPRAY SYRINGE ATOMIZER



WOODASON'S POWDER AND SPRAY BELLOWS



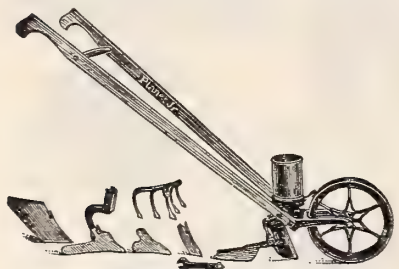
Planet Jr. Garden Tools



THE PLANET JR. SRED DRILL IN OPERATION



NO. 25 PLANET JR. COMBINED HILL AND DRILL SEEDER AND DOUBLE WHEEL HOE



NO. 31 PLANET JR. COMBINED DRILL SEEDER AND SINGLE WHEEL HOE



NO. 12 PLANET JR. DOUBLE WHEEL HOE



PLANET JR. TWELVE-TOOTH HARROW, CULTIVATOR AND PULVERIZER

WE OFFER these tools as the highest type of their class. They have a great variety of attachments which adapt the implements to a large variety of work, and there is scarcely any garden of size that has not adopted the Planet Jr. Tools. You can do more and better hoeing and cultivating, and plants thrive better.

No. 3 Hill Dropping and Drill Seeder only. Capacity, 3 qts.....\$12 00

No. 4 Combined Hill and Drill Seeder and Single Wheel Hoe..... 12 75

No. 4 Hill and Drill Seeder only 10 25

No. 5 Hill and Drill Seeder. Capacity, 5 qts. Has 16½ inch drive wheel.. 15 00

No. 25 Combined Hill and Drill Seeder and Double Wheel Hoe complete.. 15 50

No. 28 Combined Hill and Drill Seeder, Wheel Hoe, Cultivator, Rake and Plow..... 16 00

No. 29 Hill and Drill Seeder only 12 75

No. 31 Combined Drill Seeder and Single Wheel Hoe..... 8 00

No. 32 As a Drill Seeder only.. 5 50

No. 16 Single Wheel Hoe, has 1 Plow, 2 Hoes, 3 Cultivator Teeth, 2 Rakes and Leaf Lifter..... 6 75

No. 17 Single Wheel Hoe, has 1 Plow, 2 Hoes and 3 Cultivator Teeth.... 5 75

No. 17½ Single Wheel Hoe, has 2 Hoes and 3 Cultivator Teeth..... 5 25

No. 30 Single Wheel Hoe, Cultivator, Plow, Rake and Marker..... 8 50

No. 12 Double Wheel Hoe, has 2 Plows, 2 Hoes, 4 Cultivators and Leaf Lifters..... 8 25

No. 13 Double Wheel Hoe, has two 6-inch Hoes only..... 5 50

No. 11 Double Wheel Hoe, has 2 plows, 4 hoes, 4 cultivator teeth, 2 leaf lifters and 4 rakes..... 10 50

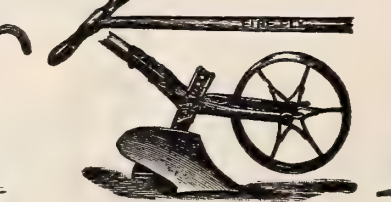
12 Tooth Harrow, as illustrated 10 75

12 Tooth Harrow without Pulverizer..... 8 75

No. 8 Horse Hoe and Cultivator, with depth regulator and expander..... 10 75

No. 9 Horse Hoe and Cultivator, plain, with wheel only..... 9 25

Fire-Fly Hand Plow. A useful tool. Will make a furrow 4 to 6 inches wide and 1 to 3 inches deep. Splendid tool for the kitchen garden..... 2 50



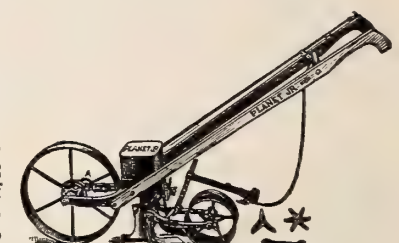
PLANET JR. FIRE-FLY HAND PLOW



THE PLANET JR. IN THE VEGETABLE GARDEN



NO. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER AND SINGLE-WHEEL HOE



NO. 3 PLANET JR. HILL AND DRILL SEEDER



NO. 16 PLANET JR. SINGLE WHEEL HOE



NO. 8 PLANET JR. COMBINED HORSE HOE AND CULTIVATOR

The New Planet Jr. Catalogue, Illustrating a Complete List of Tools, Mailed Free on Application

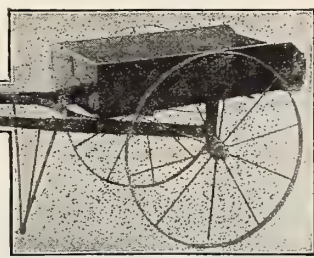
All prices on Tools, etc., subject to change without notice



TRUCK AND BARREL



TRUCK AND LEAF RACK



TRUCK AND HAND CART

TRUCK WITH WATER BARREL, LEAF RACK AND HAND CART.

This is one of the indispensable adjuncts to a well ordered country or suburban garden. Its uses are innumerable. The trucks are equipped with steel wheels, and can be had with 1½, 2½ or 3½-inch tires, are strong and durable, no castings to break, and with ordinary care will last for many years. The truck is 39½ inches wide, outside measurement, and can be used either with the Water Barrel, Leaf Rack or Hand Cart. All being made to attach or detach in an instant, they can be taken apart in a few moments and stored in very little space.

Truck and Water Barrel.

With 1½ in. tires.....	\$12 00
“ 2½ in. “	13 00
“ 3½ in. “	14 00

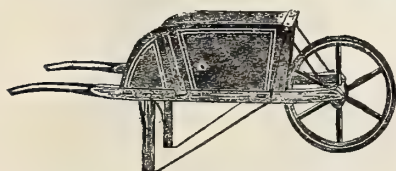
Extra barrels with trunnions, \$3.50; extra trunnions, 50 cts. a pair. Leaf Rack only, \$6.50; Hand Cart Box only, \$4.00.

Truck and Leaf Rack.

With 1½ in. tires.....	\$14 00
“ 2½ in. “	15 00
“ 3½ in. “	17 00

Truck and Hand Cart.

With 1½ in. tires.....	\$12 00
“ 2½ in. “	13 00
“ 3½ in. “	14 00



EASTERN GARDEN BARROW.

Dreer's Special Wheelbarrow.....	\$4.00
No. 4, Garden, 1¾ in. Tire.....	4 25
“ 5, “ 1¾ “	4 75
“ 4, “ 3 “	4 50
“ 5, “ 3 “	5 00
Special Narrow for Greenhouse.....	5 50
Boys'.....	\$3 00 Canal(Bolted)..... 3 25

KEYSTONE LEAF RACK.

This can be attached to any size wheelbarrow having removable sides. It is most convenient for gathering leaves, cut grass and rubbish. One of these should be in use on every small as well as large place. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. It can readily be taken apart, occupying but little space when not in use.

Price..... \$5.00

(Write for descriptive circular.)



KEYSTONE LEAF RACK ATTACHMENT

THE ANYWEIGHT WATER BALLAST LAWN ROLLER

Is the easiest running Roller, having roller bearings and adjustable counterpoise, which can be supplied with either the one or two sectional Roller. The special feature of the Anyweight Roller is that you can adjust the weight from 75 to 1000 lbs. with either water or sand. The drums are made of high carbonized steel and guaranteed to give satisfaction.



ANYWEIGHT WATER BALLAST
LAWN ROLLER

No.	Drums	Diam.	Width	Empty	Filled with Water	Filled with Sand	Without Counterpoise
1420	1	14 inches	20 inches	46 lbs.	148 lbs.	227 lbs.	\$8 60
1424	1	14 “	23 “	49 “	171 “	260 “	8 95
1824	1	18 “	23 “	76 “	274 “	425 “	10 15
1827	1	18 “	27 “	80 “	320 “	497 “	10 75
1830	1	18 “	31 “	94 “	369 “	578 “	11 30
8-24	2	18 “	23 “	106 “	294 “	438 “	14 75
8-27	2	18 “	27 “	107 “	334 “	507 “	15 35
8-30	2	18 “	31 “	112 “	376 “	578 “	15 90
2424	1	23 “	23 “	94 “	418 “	665 “	12 45
2427	1	23 “	27 “	103 “	488 “	782 “	13 00
2430	1	23 “	31 “	116 “	565 “	902 “	13 60
4-24	2	23 “	23 “	135 “	443 “	680 “	17 85
4-27	2	23 “	27 “	142 “	513 “	796 “	18 45
4-30	2	23 “	31 “	152 “	583 “	912 “	19 05

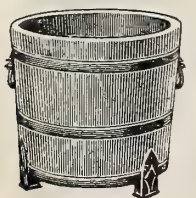
Anyweight Adjustable Counterpoise Handle Equipment, \$1.25 extra.

We can Supply The Boss, Lawn, Large Field and Golf Rollers. A Full Descriptive Catalogue of Rollers on Application.

MACHINE-MADE PLANT TUBS.

Made of white cedar, painted green and bound with extra heavy iron hoops. Drop handles. Iron legs. Removable, perforated bottom.

PRICES MACHINE-MADE TUBS:



MACHINE-MADE PLANT
AND TREE TUB

No.	Outside Diam.	Inside Diam.	Length of Stave.	Each.
0.....	27 in.	25 “	24 in.	\$6 00
1.....	25 “	23½ “	22 “	5 50
2.....	23 “	21 “	20 “	5 00
3.....	21 “	18¾ “	18 “	4 50
4.....	18 “	16¾ “	16 “	3 25
5.....	16 “	14¾ “	14 “	2 75
6.....	14 “	12¾ “	12 “	2 25
7.....	13 “	11¾ “	10 “	2 00
8.....	12 “	10¾ “	9½ “	1 75

DREER'S IMPROVED KEYSTONE PLANT TUBS.

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust, durable, neat and attractive. A good tub at a moderate price.

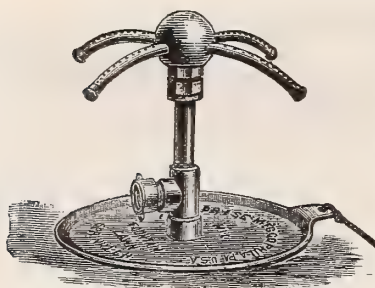
PRICES IMPROVED KEYSTONE TUBS.

No.	Outside Diam.	Inside Diam.	Length of Stave	Each.
A.....	11 “	10 “	12 “	\$0 80
B.....	12½ “	11 “	12 “	90
C.....	13½ “	12 “	13 “	1 00
D.....	14½ “	13 “	14 “	1 20
E.....	15½ “	14 “	14 “	1 45
F.....	16½ “	15 “	15 “	1 65

Three largest sizes are supplied with handles.



IMPROVED KEYSTONE
PLANT AND TREE TUB



ENTERPRISE LAWN SPRINKLER (Large)



RUBBER SPRINKLER. STRAIGHT OR BENT



PENNSYLVANIA BALL BEARING
LAWN TRIMMER



WATER WITCH LAWN SPRINKLER
WITH SPUR



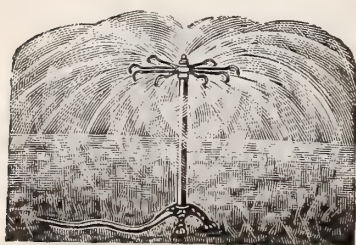
LAWN TWIN SPRINKLER



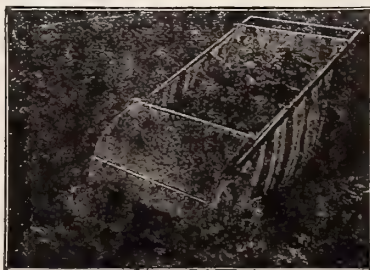
TWIN COMET
LAWN SPRINKLER



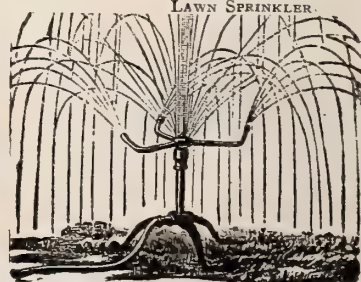
FOUNTAIN LAWN SPRINKLER



PECK'S 8-ARM LAWN SPRINKLER



PENNSYLVANIA LAWN CLEANER



CALIFORNIA LAWN SPRINKLER ON STAND

LAWN SPRINKLERS

B Lawn Sprinkler.	Something entirely new. Will cover an oblong or square area. No mechanical parts to get out of order. Brass (Send for descriptive circular).....	\$1 75
California.	On stand, 12 inches high, \$1.25; nickel top.....	1 50
"	On sled base, nickel top, 12 inches high.....	1 75
Enterprise.	On sled base; large.....	3 75
"	On sled base; small.....	3 00
Fountain.	Brass (Ring).....	1 00
"	"Evanston," Iron.....	40
Half Circle Fountain Sprinkler.	Brass.....	50
Lawn Twin.	The best to lay on ground.....	40
Twin Comet.	For large lawns.....	6 00
Peck's Lawn Sprinkler,	with 4 arms, very ornamental..	3 50
"	"with 8 arms.....	4 00
Preston.	On sled base; 3 arm revolving.....	1 50
Rainmaker.	Covers an area of 300 to 500 square yards, adapted for large lawns, putting greens, cricket grounds, tennis courts, also the vegetable garden. (Send for descriptive circular). Small size, \$10.00; large size.....	20 00
Rubber Sprinkler.	Small, straight neck, 60 cts.; large..	1 00
"	Small, angular neck, 60 cts.; large..	1 00
Universal.	On sled base; nickel top.....	2 00
Water Witch.	With spur to stick in ground.....	50
"	On sled base.....	75

PENNSYLVANIA UNDERCUT BALL BEARING LAWN TRIMMER.

This machine differs from all others, will do the same work and more. It is new, with a new feature—"Undercut." Will cut directly up to a wall or fence, and cut into the space under the fence, or a projecting wall. This has never been accomplished by any other Trimmer. 6-inch cut. Price, \$6.75.

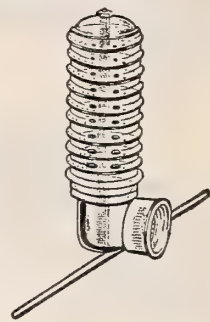
PENNSYLVANIA BALL BEARING LAWN TRIMMER.

For cutting around borders and flower beds, and close to wall, fence or stone coping. 6-inch cut. Price, \$5.75.

PENNSYLVANIA GEM LAWN CLEANER.

This machine will remove from the lawn not only the cut grass, but all litter, leaves and trash, leaving the grass standing upright and raises up the low-growing crab grass and other spreading weeds, allowing the lawn mower to cut the seed off before they ripen, thus preventing their reappearing the following year. This work is most effectually accomplished by the use of the Pennsylvania Gem Lawn Cleaner and Rake. One man can do more work than four with hand rakes. 24 inches wide, \$16.00; 36 inches wide... \$25.00
(Send for Descriptive Circular.)

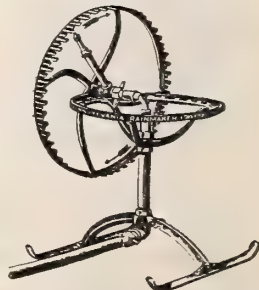
Lawn Mowers..... See page 275



B LAWN SPRINKLER

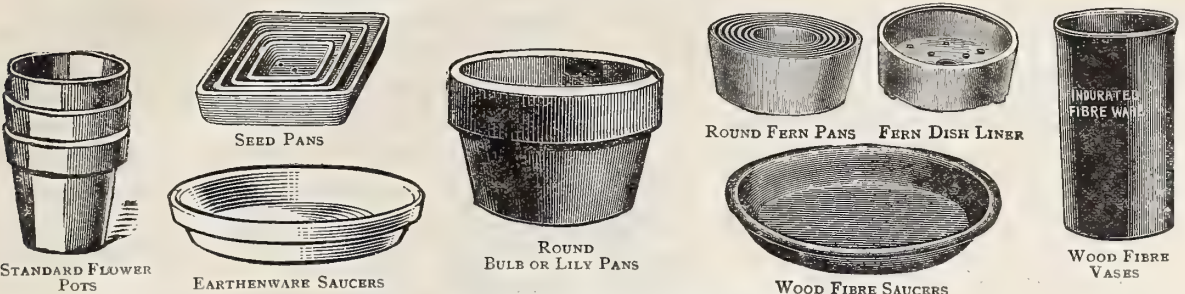


UNIVERSAL LAWN SPRINKLER



RAINMAKER LAWN SPRINKLER

Flower Pots, Saucers, Pans, Orchid Baskets and Jardinieres



STANDARD FLOWER POTS.

Full inside measurement. No charge for packing. Six at dozen rates; 50 at 100 rates; 500 at 1000 rates.

SIZES.	EACH.	DOZEN.	100.	1000.	SIZES.	EACH.	DOZEN.	100.	1000.	SIZES.	EACH.	DOZEN.	100.
1 3/4 in.	\$0 02...	\$0 10...	\$0 67...	\$5 25	4 in.	\$0 03...	\$0 30...	\$1 80...	\$14 00	8 in.	\$0 15...	\$1 75...	\$11 70
2 "	2...	10...	68..	5 25	4 1/2 "	4...	45...	2 45...	18 90	9 "	22...	2 00...	18 00
2 1/4 "	2...	10...	77..	5 95	5 "	4...	45...	3 25...	25 20	10 "	27...	2 75...	24 30
2 3/4 "	2...	15...	90..	7 00	5 1/2 "	6...	65...	4 05...	31 50	11 "	40...	4 00...	36 00
3 "	2...	18...	1 20...	9 10	6 "	7...	75...	4 90...	37 80	12 "	60...	5 00...	49 50
3 1/4 "	2...	18...	1 45...	11 20	6 1/2 "	8...	90...	6 50...	50 40	14 "	1 00...	10 00...	81 00
3 3/4 "	2...	20...	1 65...	12 60	7 "	10...	1 20...	8 10...	63 00	16 "	2 00...	20 00...	180 00

We can also furnish the Neponset Waterproof Paper Flower Pots.

(Write for circular.)

Flower Pot Saucers.

SIZES.	EACH.	DOZEN.	100.
4 in....	2 cts....	20 cts....	\$ 1 35
5 "....	3 "....	30 "....	1 80
6 "....	4 "....	40 "....	2 70
7 "....	5 "....	50 "....	3 60
8 "....	6 "....	60 "....	4 50
9 "....	8 "....	80 "....	6 75
10 "....	10 "....	1 00 "....	8 10
11 "....	15 "....	1 50 "....	9 90
12 "....	20 "....	2 00 "....	12 15
14 "....	25 "....	2 50 "....	20 25

Round Bulb or Lily Pans.

WIDTH.	HEIGHT.	EACH.	DOZEN.	100.
5 in....	3 in....	\$0 04...	\$ 45...	\$ 3 25
6 "....	3 "....	07..	75..	4 90
7 "....	3 1/2 "....	10..	1 20...	8 10
8 "....	4 "....	15..	1 75...	11 70
9 "....	4 1/2 "....	22..	2 00...	18 00
10 "....	5 "....	27..	2 75...	24 30
12 "....	6 "....	60..	5 00...	49 50
14 "....	7 "....	1 00..	10 00...	81 00
16 "....	8 "....	2 00..	20 00...	180 00

Fern Pans.

WIDTH.	HEIGHT.	EACH.	DOZEN.	100.
4 in..	1 7/8 in..	\$0 04...	\$0 40...	\$2 70
4 1/2 "	2 1/8 "	05...	55...	3 60
5 1/2 "	2 3/4 "	06...	65...	4 50
6 1/2 "	2 7/8 "	07...	75...	5 40
7 "	2 7/8 "	08...	85...	6 30
8 "	3 "	12...	1 15...	9 00
9 "	3 1/2 "	15...	1 50...	10 80

Fern Dish Liner.

WIDTH.	HEIGHT.	EACH.	DOZEN.	100.
7 in....	1 7/8 "	\$0 10...	\$1 00...	\$6 30

Square Seed Pans.

SIZES.	EACH.	DOZ.
6 x 6 in....	\$0 60	\$7 00
8 x 8 "....	75	8 00
10 x 10 "....	90	9 00
12 x 12 "....	1 25	10 00

Wood Fibre Vases.

For cut flowers; neat, attractive and waterproof.

No.	DIAM.	DEPTH.	EACH.	DOZEN.
0	8 in.,	13 in.,	\$0 75	\$ 8 10
1	5 1/2 "	10 "	67	7 20
2	4 1/2 "	9 "	57	6 12
3	4 "	6 "	47	5 04
4	3 "	4 1/2 "	38	4 05
00	9 1/2 "	22 "	2 92	31 50
01	7 "	20 "	1 42	15 30
11	5 1/2 "	18 "	75	8 10
22	4 1/2 "	15 "	67	7 20
33	4 "	12 "	57	6 12
44	3 "	9 "	47	5 04

Wood Fibre Rolling Stands for Heavy Plants.

Takes tub diameter at bottom.

SIZES.	EACH.	DOZEN.
12 in., for a 10 in.	\$0 70	\$ 7 56
14 " " 11 " "	83.	9 00
16 " " 13 " "	1 00.	10 80
18 " " 15 " "	1 17	12 60
20 " " 17 " "	1 45.	15 75
22 " " 20 " "	1 75.	17 90

Square Wood Orchid Basket.

Made of white cedar wood.

SIZES.	EACH.	DOZ.
6 x 6 in	\$0 35	\$4 00
8 x 8 "	45	5 00
10 x 10 "	55	6 00
12 x 12 "	70	7 00



New and Popular

Mat Green Ware

Jardinieres and

Fern Dishes.

Made in artistic designs and graceful shapes, colored a rich dark green. These Jardinieres and Fern Dishes, in combination with plants, make an ideal effect. Jardinieres from 5 inches to 10 and ranging from 50c. to \$2.00. Fern Dishes from 4 inches to 8 ranging from 25c. to \$1.00.

WOOD FIBRE ROLLING STANDS

WOOD ORCHID BASKET

Descriptive card with sizes and prices mailed on application.

POULTRY SUPPLIES.

We list below but a few of the leading Poultry Foods and Supplies. For complete list see our special catalogue. Mailed free on application.

Alfalfa Meal. One of the best green foods during the winter and early spring. 50 lb. bag, \$1.25; 100 lb. bag, \$2.25.

Aluminum Adjustable Poultry Leg bands. For marking fowls. Plain or numbered from 1 to 100. Price, postpaid, 12 for 20 cts.; 25 for 25 cts.; 50 for 40 cts.; 100 for 75 cts.

Animal Meal. Egg-producing, flesh and bone forming food. Just what laying hens and growing chicks require. 5 lbs., 25 cts.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00.

Beef Scraps. Made especially for us from healthy fresh meat. A splendid winter food. 5 lbs., 25 cts.; 10 lbs., 40 cts.; 50 lbs., \$1.75; 100 lbs., \$3.25. Special price by the ton.

Chick Manna. This should be the first and only food given the first 10 to 12 days. Full directions on each package. 1 lb., 10 cts.; 5 lbs., 40 cts.; 15 lbs., \$1.10; 60 lbs., \$4.20.

Conkey's Roup Cure. Roup is the most fatal and dreaded of poultry diseases. It is very contagious. Directions should be followed as given with each package. It prevents colds and is especially recommended for pigeons. Will cure roup in all stages. 25 cts., 50 cts., and \$1.00.

Cut Clover Hay. Has great value as a food. Tones up fowls and improves their general health. 50 lb. bag, \$1.25; 100 lb. bag, \$2.50.

Dreer's Galvanized Poultry Founts. These Founts are made of heavy galvanized iron; they are easily cleaned, are not injured by freezing water, can be kept constantly fresh; made in four sizes; for small chicks as well as large poultry; just the Fount to be used in a brooder. 1 qt., 25 cts. each, \$2.50 per doz.; 2 qts., 35 cts. each, \$3.50 per doz.; 4 qts., 50 cts. each, \$5.00 per doz.; 8 qts., 75 cts. each, \$7.50 per doz.

Dr. Hess Poultry Pan-a-ce-a. Makes poultry healthy, makes hens lay; not a stimulant, but a tonic, that tones up the bird. 1½ lb. package, 25 cts.; 5 lbs., 60 cts.; 12 lbs., \$1.25; 25 lb. pail, \$2.50.

Earthenware Nest Bowls for Pigeons. Made very heavy, so that they will not upset. Price, 15 cts. each; \$1.25 per doz.

French Poultry and Squab Killing Knife. The most expeditious and humane way of killing and dressing poultry is by using this knife. Made of the finest steel. Price, with instructions, 50 cts.

Gape Exterminator. For removing the worms from the throat and windpipe of chickens. Silver wire. Price, 25 cts., with instructions. Horse-hair Extractors, 10 cts.

Ground Charcoal. This is excellent for young and old chicks; should be kept constantly in reach of small chicks. Will prevent diarrhoea, if fed once or twice a week. Price, per lb., 10 cts.; 5 lbs., 30 cts.; 10 lbs., 45 cts.; 25 lbs., 75 cts.; 100 lbs., \$2.50.

Hub Poultry Wall Drinking Fountain. Made of galvanized iron and warranted tight. These fountains are used largely for pigeons, as they can be placed on the ground or hung against the wall. ½ gallon capacity, 40 cts.; 1 gallon capacity, 50 cts.; 2 gallon capacity, 75 cts.

Imperial Egg Feed. Very useful for making hens lay winter and summer. Acts as a tonic during moulting, and keeps them in good condition at all times. 26 oz. package, 25 cts.; 60 oz. package, 50 cts.

Lambert's Death to Lice. (Powder.) 15 oz. package, 25 cts.; postpaid, 40 cts.; 3 lb. package, 50 cts.; 100 oz. package, \$1.00.

Liquid Lice Killer and Disinfectant. For killing all kinds of lice, mites and vermin in the poultry houses. 1 qt., 35 cts.; ½ gal., 60 cts.; 1 gal., \$1.00.

Marking Punch. For marking young and old chickens in the web of the foot. Postpaid, 25 cts.

Mica Crystal Grit. To aid digestion it is necessary to feed some gritty material. We can supply this in two grades, fine for chicks and birds, coarse for fowls. Price, 5 lbs., 15 cts.; 25 lbs., 35 cts.; 100 lbs., 85 cts. Special price by the ton.

Nesco Improved Poultry Fountain. This fountain is very popular with the poultry fancier, easily cleaned and sanitary. Made of heavy galvanized iron, rust proof. 1 qt., each 25 cts.; doz., \$2.50; 2 qt., each 30 cts.; doz., \$3.00; 4 qt., each 45 cts.; doz., \$4.00; 8 qt., each 65 cts.; doz., \$6.00.

Paper Egg Boxes. For carrying 1 doz. eggs, 25 cts. per doz.; \$1.00 per 100.

Peerless Chick Feed. A mixture of grains, producing quick, healthy growth. 5 lbs., 25 cts.; 10 lbs., 40 cts.; 50 lbs., \$1.50; 100 lbs., \$2.75. Special price by the ton.

Peerless Poultry or Scratch Feed. Composed of various grains; coarse ground for large fowls. 5 lbs., 25 cts.; 10 lbs., 40 cts.; 50 lbs., \$1.40; 100 lbs., \$2.50. Special price by the ton.

Porcelain Nest Eggs. Each, 5 cts.; per doz., 25 cts.; by mail, 50 cts.

Poultry Bone. A selected grade, and much used by leading poultry men. 5 lbs., 30 cts.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00.

Pratt's Poultry Regulator. Excellent either for small chicks or large fowls. 1½ lb. package, 25 cts.; 5 lbs., 60 cts.; 12 lbs., \$1.25; 25 lbs., \$2.50.

Prepared Oyster Shells. Made from shells in a pure condition. The lime contained in the shells assists in the formation of the eggs, and contributes to the general health of the fowls. Keep shell boxes filled. They will be found valuable at all seasons of the year. Coarse or fine. 5 lbs., 15 cts.; 25 lbs., 35 cts.; 100 lbs., 75 cts. Special price by the ton.

Sanitary Galvanized Grit, Shell and Feed Box. Three spaces; made of heavy galvanized iron; saves waste; hangs on a nail; cheap and convenient. Price, small, 50 cts.; large, 75 cts.

Sexton Dry Feed Hopper. Easy to fill and does not waste the feed. Rat and mouse proof. Made of heavy galvanized iron. No. 1, poultry size, \$1.00; No. 2, chick size, 90 cts.

Sheridan's Condition Powder. Strictly a medicine for the prevention and cure of all poultry diseases. 25 cts. and \$1.00 per package; by mail, 30 cts. and \$1.25.

Stoneware Drinking Founts. 1 qt., 30 cts.; 2 qts., 40 cts.; 3 qts., 50 cts.; 4 qts., 60 cts.

Sturtevant's Poultry Cure. For the ailments of all varieties of Poultry, Chickens, Turkeys, Geese, Ducks, etc. A guaranteed cure for all diseases of Birds—Fever, Cholera, Drooping, Roup, Swell Head, Gapes, Influenza, etc. 1 lb., 25 cts.; 2 lbs., 50 cts.

Wire Hen's Nest. Supported on walls by hooking over two nails. Each, 15 cts.; per doz., \$1.25.



STONEWARE FOUNT

INSECTICIDES AND FUNGICIDES

Marked * can be sent by Parcel Post at purchaser's expense.

Consult your local Post Office for rates from Philadelphia.

***Ant Exterminator.** A powder for destroying ants in house, lawn and garden. $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 50 cts.; 1 lb., \$1.00.

Antipest. (Carman's.) A liquid preparation for all insects. 1 qt., 50 cts.; $\frac{1}{2}$ gal., 85 cts.; 1 gal., \$1.50.

Aphine. The insecticide that kills plant lice of every description: thrip and red spider; a strong nicotine extract; dilutes 1 part to 40 parts of water. 1 qt., \$1.00; 1 gal. \$2.50.

***Aphis Punk.** A nicotine paper for fumigating greenhouses. Box, 60 cts.; case of 12 boxes, \$6.50.

Arsenate of Lead. (Paste.) The best of all arsenical insecticides; for leaf-eating insects; does not burn the foliage. Dilute 1 oz. to 1 gal. of water. Lb., 25 cts.; 2 lbs., 45 cts.; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$4.00; 50 lbs., \$7.00; 100 lbs., \$12.00. Special price on large quantities.

Arsenate of Lead. (Powdered.) Contains at least 33 per cent. arsenic. Superior to paste arsenate, stands suspension longer, and has more covering capacity. 1 lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., \$1.75; 10 lbs., \$2.75; 25 lbs., \$6.00; 100 lbs., \$21.00.

Arsenite of Zinc. (Paste.) A quick acting adhesive insecticide for Rose Bugs and Beetles on potatoes and other truck crops. 1 lb., 25 cts.; 2 lbs., 45 cts.; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$4.00; 50 lbs., \$7.00; 100 lbs., \$12.00.

Black Leaf. (Extract of Tobacco.) A nicotine solution for spraying or fumigating. 1 gal., \$1.25; 5 gals., \$6.00.

Black Leaf 40. A concentrated nicotine solution for spraying. 1 oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; 2 lbs., \$2.50; 10 lbs., \$10.75.

Bordeaux Mixture. (Paste.) The supreme remedy against Fungus, Rust and Rot. Five oz. to 1 gal. of water is standard strength. 1 lb., 30 cts.; 2 lbs., 50 cts.; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$3.50; 50 lbs., \$6.00; 100 lbs., \$11.00.

Bordeaux-Arsenate of Lead Mixture. (Paste.) A combined Fungicide and Insecticide. For Apple and Pear Trees, Potatoes, Melons and Cucumbers; also splendid for roses, keeping them free of mildew, black spots and insects. Three ozs. to 1 gal. of water. 1 lb., 30 cts.; 2 lbs., 50 cts.; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$4.00; 50 lbs., \$7.50; 100 lbs., \$14.00.

Bordeaux Mixture. (Liquid.) For all fungous diseases. By adding water it is ready for use. 1 qt. 50 cts.; 1 gal., \$1.25; 5 gals., \$5.00. One gallon will make 1 barrel liquid.

Bordeaux Mixture. (Dry.) For dusting plants affected with mildew and all fungous diseases. Can be used as a spray. 1-lb. box, 35 cts.; makes 5 gals. spray; 5 lbs., \$1.50.

***Bug Death.** Use instead of Paris Green for eating insects on Potatoes, Cucumbers, Squash and Currants. 1 lb., 20 cts.; 3 lbs., 45 cts.; 5 lbs., 60 cts.; 12 $\frac{1}{2}$ lbs., \$1.25.

Cattle Comfort. Used as a spray; will relieve cattle, mules, horses and dogs from the effects of flies, gnats and mosquitoes. Qt. can, 45 cts.; gal. can, \$1.15; 5 gal. can, \$5.00.

Copper Solution. (Liquid.) For Fungus, Mildew, Leaf Blight, Rust and Black Rot. 1 qt., 75 cts.; 1 gal., \$2.00.

Fairmount Weed Killer. The method of killing weeds thoroughly by application of this liquid has become general. Used only on paths, drives, gutters and places where no growth is wanted. One gallon makes 50 gallons of treating liquid. Price, 1 qt., 50 cts.; $\frac{1}{2}$ gal., 75 cts.; 1 gal., \$1.25; 5 gals., \$6.00; 10 gals., \$11.00; 50 gal. bbl., \$45.00.

***Fir Tree Oil Soap.** For destroying mealy bugs, scale, aphids, red spider. $\frac{1}{2}$ lb., 35 cts.; 2 lbs., 85 cts.

Fungine. A remedy for fungous diseases of all kinds. 1 qt., \$1.00; 1 gal., \$3.50.

***Grape Dust.** A powder preparation for mold, mildew, or rust mites. 5 lbs., 45 cts.; 25 lbs., \$1.90; 100 lbs., \$6.75.

Good's Caustic Potash Fish Oil Soap. Recommended as a summer and winter wash for scale and all insects. 1 lb., 25 cts.; 5 lbs., \$1.10; 25 lbs., \$4.00; 100 lbs., \$12.00.

***Hellebore.** For currant worms and sucking insects. $\frac{1}{4}$ lb., 20 cts.; $\frac{1}{2}$ lb., 35 cts.; 1 lb., 60 cts.; 5 lbs., \$2.50.

***Insect Powder.** (Pure Dalmation.) For roaches, ants, moths, fleas, etc. $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 40 cts.; 1 lb., 75 cts.

***Kerosene Emulsion.** (Paste.) - Used as a summer wash against scale, plant lice and aphids. Dilute with water. Pound, makes 10 gallons of spray, 25 cts.; 5 lbs., \$1.00; 25 lbs., \$3.00.

Kerosene Emulsion. Concentrated. (Liquid.) For plant lice and aphids. Qt., 40 cts.; 1 gal., \$1.00; 5 gals., \$4.50.

Kil-Worm. Destroys worms, ants and grubs infesting lawns; does not injure grass. One gallon makes 50 gallons of liquid. 1 qt., \$1.50; $\frac{1}{2}$ gal., \$2.50; 1 gal., \$4.00; 5 gals., \$18.00.

Kil-O-Scale. (Sulphonated Oil.) Testimonials from leading experimental stations prove it the best remedy against scale. Apply while trees or shrubs are dormant. 1 pt., 30 cts.; qt., 50 cts.; $\frac{1}{2}$ gal., 75 cts.; gal., \$1.25; 2 gals., \$2.25; 5 and 10 gals., \$1.00 per gal.; barrel and half barrels, 85 cts. per gal.

Lemon Oil Co.'s Insecticide. For all insects and soft scale. One of the best known insecticides, having a pleasant odor; highly recommended for house plants. $\frac{1}{2}$ pt., 25 cts.; pt., 40 cts.; qt., 75 cts.; $\frac{1}{2}$ gal., \$1.25; gal., \$2.00; 5 gal. keg, \$9.00.

Lime Sulphur Solution. A perfect scale and fungus destroyer; special for Plumb and Peach Trees, which need fall and spring treatment; cures Peach leaf curl. $\frac{1}{2}$ gal., 45 cts.; gal., 75 cts.; 5 gals., \$2.50; 10 gals., \$4.00; $\frac{1}{2}$ bbl., \$6.00; bbl. of 50 gals., \$10.00; Special price on large quantities.

B. T.'S. A dry substitute for Lime sulphur solution. This combination is the most active remedy for San Jose and Oyster shell scale. 1 lb., 20 cts.; 5 lbs., 80 cts.; 10 lbs., \$1.50; 25 lbs., \$3.00; 50 lbs., \$5.50; 100 lbs., \$10.00; 300 lbs., \$27.00.

Nicoticide. A Nicotine spray or Fumigating compound. $\frac{1}{4}$ pt., 60 cts.; $\frac{1}{2}$ pt., \$1.15; pt., \$2.25; 1 qt., \$4.25; $\frac{1}{2}$ gal., \$8.00; gal., \$14.50. Vaporizing lamp, 50 cts.

***Nico Fume.** This is the strongest tobacco paper on the market. Does not injure blooms, and furnishes the easiest method for fumigation ever devised. Tin boxes of 24 sheets, 85 cts.; box of 144 sheets, \$4.00; 288 sheets, \$7.50.

Nico Fume Liquid. An effective vaporizing liquid. $\frac{1}{4}$ lb., 50 cts.; 1 lb., \$1.50; 4 lbs., \$5.50; 8 lbs., \$10.50.

Nikoteen. An economical and powerful nicotine extract. Effective remedy against aphids and fly insects. Bottle, 40 cts.; $\frac{1}{2}$ lb., 85 cts.; 1 lb., \$1.30; 4 lbs., \$5.00; 8 lbs., \$10.00.

Paris Green. For potato bugs and other leaf-eating insects. $\frac{1}{2}$ lb., 30 cts.; 1 lb., 55 cts.; 5 lb., \$2.50.

Pruning Compound. A specially prepared thick paint, with a rubber, elastic film. Just the thing to use after pruning your trees. 1 qt., 40 cts.; 1 gal., \$1.20.

Pyrox. A combined insecticide and fungicide for all leaf-eating insects. Used largely by potato growers. 1 lb., 35 cts.; 5 lbs., \$1.25; 10 lbs., \$2.00; 25 lbs., \$4.50; 100 lbs., \$15.00.

***Rat Corn.** Sure death to rats and mice; not poisonous to other animals. 25 cts., 50 cts. and \$1.00 size cans.

Readena Rose Bug Exterminator. Dilute and apply as a spray. Harmless to the most delicate plant. Bottle, 25 cts., 50 cts., \$1.00 and \$2.00; per gal., \$4.00.

Scalecide. As a winter spray for scale. 1 gal., \$1.00; 5 gals., \$3.75; 10 gals., \$6.75; bbl., 50 gals., \$26.25.

***Slug Shot.** One of the cheapest and best powders for destroying insects, especially on Cabbage. 1 lb. carton, 15 cts.; 5 lbs., 40 cts.; 25 lbs., \$1.75; 50 lbs., \$3.50; 100 lbs., \$6.50.

Soluble Oil. An excellent Scale remedy. Specially good for lawn trees and hedges, as it will not stain. Use during dormant period. 1 gal., \$1.00; 5 gals., \$3.65; 10 gals., \$6.65; half bbl., 50 cts. per gal.; bbl. of 50 gals., 45 cts. per gal.

Sulphide of Potassium. For mildew. Use $\frac{1}{2}$ ounce to 1 gal. of water; 4 oz. bottles, \$1.00.

***Sulphur, Powdered.** For mildew. Lb., 10 cts.; 5 lbs., 40 cts.; 10 lbs., 60 cts.; 50 lbs., \$2.50; 100 lbs., \$4.00.

***Tobacco Dust.** For fumigating and dusting plants affected with aphids; also used on melons and squash. Coarse or fine. 1 lb., 10 cts.; 5 lbs., 25 cts.; 25 lbs., \$1.00; 100 lbs., \$3.50.

Tobacco Stems. For fumigating. Also for covering lawns during the winter. It not only acts as a protector, but imparts large quantities of ammonia, and drives away insects and moles. Small bale, \$1.00; large bale, \$3.00; ton, \$20.00.

Tobacco Soap. One of the best insecticides for general use, for washing and spraying plants. Pkg., 25 cts.; 10-lb. can., \$2.50.

***Tree Tanglefoot.** The best remedy against Caterpillars and all tree-crawling insects. 1 lb., 35 cts.; 3 lbs., \$1.00; 10 lbs., \$3.00; 20 lbs., \$5.50; 25 lbs., \$6.75.

***Whale or Fish Oil Soap.** Used during the summer as a wash, thus preventing the spread of scale. 1 lb., 20 cts.; 2 lbs., 35 cts.; 5 lbs., 60 cts. Special prices on large quantities.

Weed Killer. (Target Brand.) 1 qt., 45 cts.; $\frac{1}{2}$ gal., 65 cts.; 1 gal., \$1.15; 5 gal., \$5.00; 10 gal., \$9.50; 50 gal. bbl., \$37.50.

Worm Eradicator. For removing worms of any kind in greenhouse and potted plants, etc. Bottle, 50 cts. and \$1.00.

FERTILIZERS FOR FARM, LAWN; GARDEN AND GREENHOUSE

All Fertilizers delivered free-on-board Philadelphia. Prices subject to change without notice.

Dreer's "Peerless" Plant Food for House Plants. (Odorless.) The best Plant food on the market. May be used either dry or liquid, the latter much the best, being immediately available to the plant, and less danger of giving an overdose. Put up in $\frac{1}{2}$ and 1-lb. packages. Directions with each package. 15 cts. and 25 cts.; by mail 25 cts. and 40 cts. Registered in Penna.

Dreer's "Peerless" Plant Food for Lawn and Garden. (Odorless.) A high grade fertilizer. Apply at any time during Spring or Fall. It will restore lawns to full luxuriance, and acts quickly on the vegetable garden, where it can be applied any time during the growing season. 5 lbs., 35 cts.; 10 lbs., 60 cts.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.00; 200 lbs., \$5.50.

Animal Base and Potash Compound. (Baugh's.) For all crops. Superior for broadcasting in spring prior to harrowing. Per sack, 200 lbs., \$3.50; ton, \$28.00.

Blood. (Dried.) One of the quickest acting fertilizers, being immediately soluble. 5 lbs., 30 cts.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.75.

Bone Flour. (Baugh's.) Ground very fine; excellent for pot plants or beds where an immediate effect is wanted. 5 lbs., 30 cts.; 100 lbs., \$2.50; bbl. of 200 lbs., \$4.50; ton, \$43.50.

Pure Bone Meal. (Baugh's.) A standard fertilizer for all purposes, safe and effective. 3 lbs., 15 cts.; 5 lbs., 25 cts.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50; 200 lbs., \$4.50; ton, \$42.00.

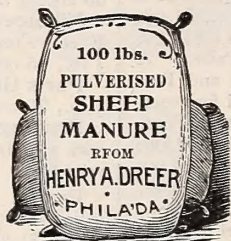
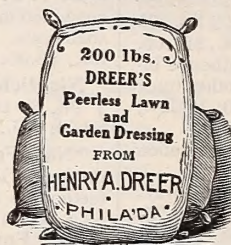
Coarse Bone. (Baugh's.) Ground coarse, for grape borders and poultry. A superior fertilizer to use when planting shrubbery and trees. 5 lbs., 30 cts.; 50 lbs., \$1.75; 100 lbs., \$3.00.

Fine Ground Bone. (Baugh's.) Contains 3 per cent. ammonia, 16 per cent. of phosphoric acid. 100 lbs., \$2.25; 200 lbs., \$4.00; ton, \$37.00.

Cattle or Cow Manure, Shredded. We are now in position to offer this manure put up in sacks for convenient handling. For garden, lawn and greenhouse, and especially good to mix with compost and for water lilies. 100 lbs., \$2.25; 500 lbs., \$10.00; 1000 lbs., \$16.50; per ton, \$32.00.

Clay's Fertilizer. (Imported.) Recommended to all who grow either fruit, flowers or vegetables. Should be used in potting soil, and spread on staging of greenhouses planted with flowering plants. Per bag of 28 lbs., \$2.00; 56 lbs., \$3.75; 112 lbs., \$7.00.

Humus. Nature's Plant Food. A deposit of organic matter. Used as a top dressing, or mixing with the soil when making a new lawn or garden. Apply 5 to 10 tons per acre. 100 lbs., \$1.00; 500 lbs., \$4.50; 1000 lbs., \$8.00; ton, \$14.00. Special prices for direct factory shipments.



Hard-wood Ashes. Indispensable as a lawn dressing, or to apply to orchards. Should be applied late in fall or early spring at the rate of 1000 to 1500 lbs. per acre. 5 lbs., 20 cts.; 10 lbs., 35 cts.; 25 lbs., 60 cts.; 100 lbs., \$1.50; per bbl., \$2.50; per ton, \$20.00. Special price by the car.

Land Plaster. Much used in composting or mixed with guano, etc. 100-lb. bag, \$1.00; bag, 200 lbs., \$1.50; per ton, \$12.00.

Lime, Hydrated. (Powdered.) For lawn and field use where the ground has become sour. 100 lbs., \$1.00; ton, \$12.50. Special price by the car.

Manure. We can supply fresh horse manure at short notice in carloads only. Write for prices.

Nitrate of Soda. A fertilizer for all crops. It is very quick in action and hastens maturity of crops fully two weeks. Being quickly soluble, it should not be applied until the plants are above ground, when 200 to 500 lbs., mixed with land plaster, is sufficient per acre. 5 lbs., 40 cts.; 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.00.

Potato Manure. A standard fertilizer for Potatoes and all root crops. 200 lbs., \$3.50; ton, \$30.00.

Potato and Truck Special. A high grade fertilizer for all vegetables. Beans, Corn, Potatoes and Tomatoes, 200 lbs., \$4.00; ton, \$35.00.

Poudrette. (Native Guano.) Contains all the elements necessary for plant life; used extensively by market gardeners. An excellent lawn top-dressing. Per 100 lbs., \$1.75; 200 lbs., \$3.00; 1000 lbs., \$11.00; per ton, \$20.00.

Salt, Agricultural. For top dressing lawns and killing weeds. Apply very early in spring at the rate of 800 to 1000 pounds per acre. 200 lbs., \$1.50; per ton, \$12.00.

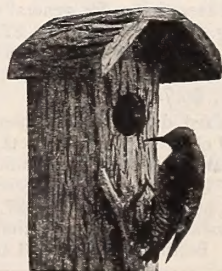
Sheep Manure, Pulverized. (Wizard Brand.) A pure natural manure, unequalled for mixing with potting soil, for lawns, general vegetable and flower garden fertilizer, for making liquid manure water for any purpose where quick as well as lasting results are wanted. 2-lb. package, 15 cts.; 5 lbs., 25 cts.; 10 lbs., 40 cts.; 25 lbs., 75 cts.; 50 lbs., \$1.25; 100 lbs., \$2.25; 500 lbs., \$10.00; 1000 lbs., \$16.50; ton, \$32.00.

Soot. The leading growers recommend the use of soot to produce plants of a good healthy color; destroys insects and grubs in the soil, and should be spread on greenhouse staging and flower beds, then stir the soil. 25 lbs., \$1.00; 112 lbs., \$3.75.

Tobacco Stems. An indispensable lawn covering for winter. It not only acts as a protector, but imparts large quantities of ammonia and drives away insects and moles. Small bale, \$1.00; large bale, \$3.00; ton, \$20.00.

Wheat Fertilizer. (Baugh's.) This brand contains 1 per cent. potash and combines in available form the necessary elements for the growth of all grain and grass. Sacks of 200 lbs., \$3.50; ton, \$28.00.

Prices on Fertilizers subject to change without notice.



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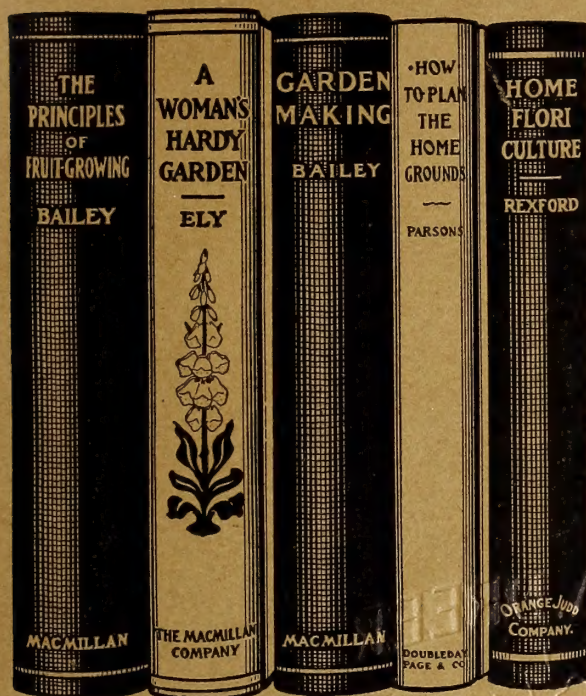
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